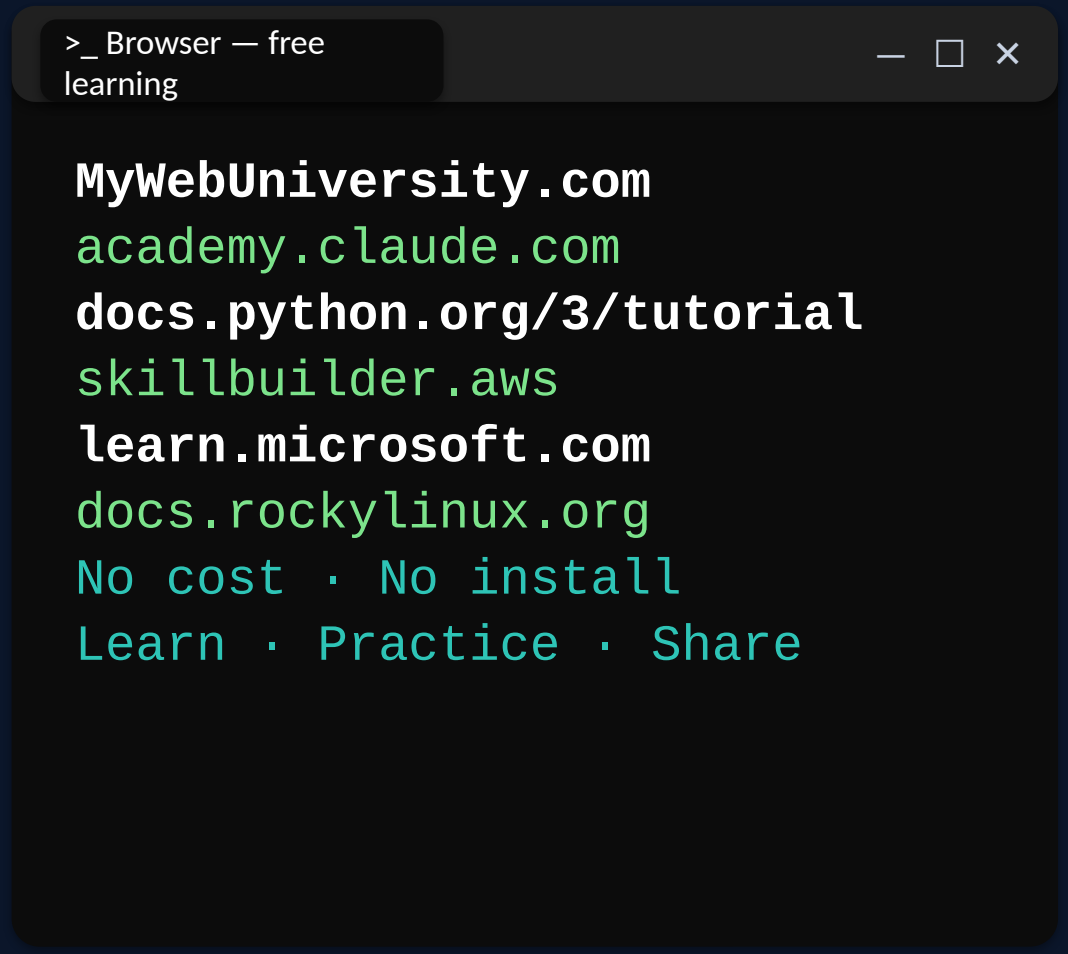


FULL COURSE · 12 LESSONS

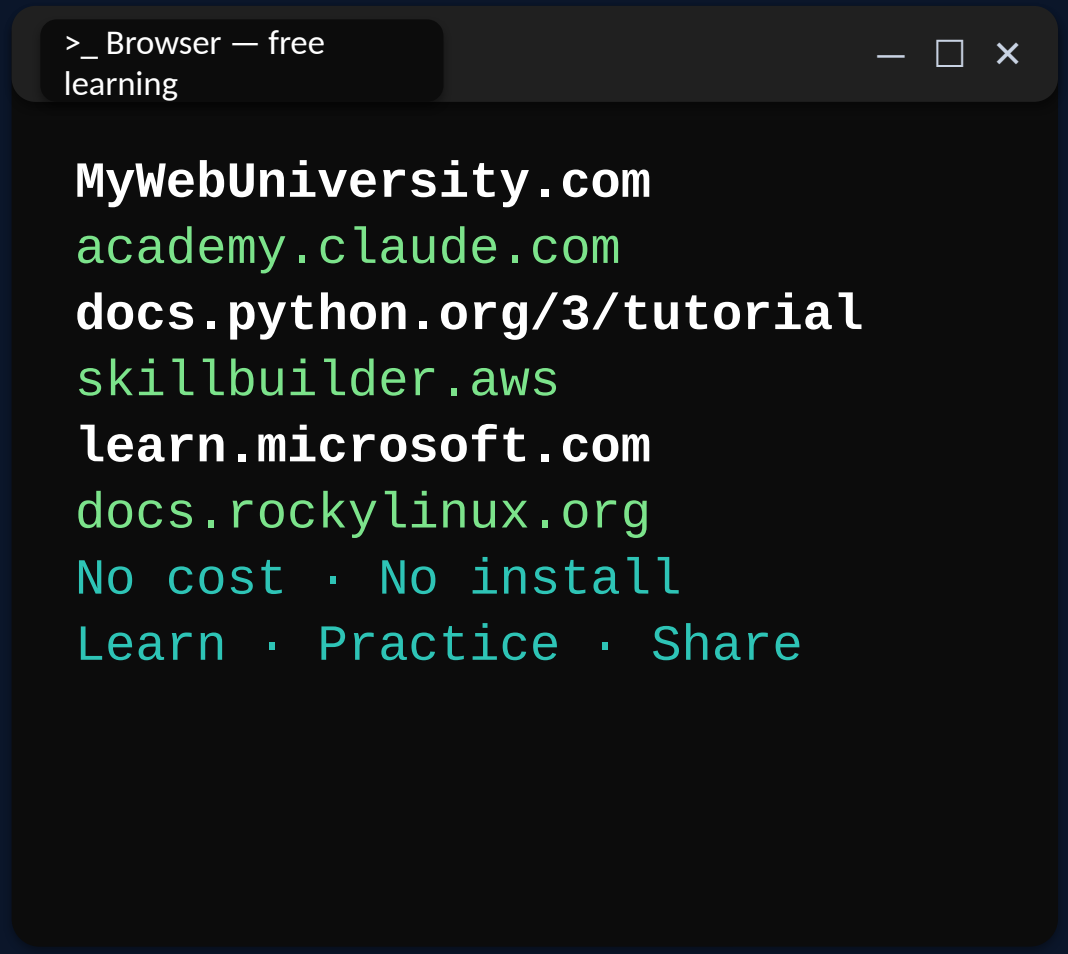
Free Learning Websites

Linux · Python · AI · Cloud · Security · Claude

Linux, Python, AI, Cloud, Security & Claude — all free

Full Course · Free learning sites · checked Nov 2026

Learn it all @MyWebUniversity



LESSON 1 OF 12

Free Learning Websites

Linux · Python · AI · Cloud · Security · Claude

Learning for Free on the Web: Choosing Sites, Planning & Staying Safe

Full Course · Free learning sites · checked Nov 2026

What You Will Learn in Lesson 1

- Why free web-based learning works — and its limits
- The map: 12 lessons, 30+ free sites
- Kinds of free: free content, free certificate, free credits, free trial
- How to judge a learning site
- Accounts, passwords and staying safe
- Learning habits: practice, notes, projects
- Low bandwidth and phone-only tips

The Map of This Course

Lesson	Free websites
2	MyWebUniversity.com · toc1.html · LinuxOnBrowser.com · YouTube @MyWebUniversity and @MyWebUniversity-Dari
3	Claude Academy · Claude Console docs · Claude app and desktop help
4 – 5	python.org · roadmap.sh · freeCodeCamp · Killercoda
6	Hugging Face Learn · Kaggle Learn · DeepLearning.AI · Google
7 – 8	Linux Foundation · Linux Journey · OSTEP · SQLBolt · PostgreSQL · MongoDB University
9	Cisco NetAcad · Professor Messer · TryHackMe · OverTheWire
10 – 12	AWS Skill Builder · Google Skills · Microsoft Learn · Red Hat · Rocky Linux · Ubuntu

Four Kinds of "Free"

Kind	Example
Free content + free certificate	Claude Academy, freeCodeCamp, Kaggle Learn, Cisco NetAcad
Free content, paid certificate	Linux Foundation LFS101, many edX audits, DeepLearning.AI extras
Free credits each month	Google Skills labs (credits), TryHackMe free rooms
Free trial	Red Hat Learning Subscription trial — watch the end date
Always free documentation	python.org, PostgreSQL, Rocky Linux and Ubuntu docs, Microsoft Learn
Exams	Certification exams usually cost money — the learning does not

How to Judge a Learning Site

Question	Good sign
Who made it?	The vendor (AWS, Microsoft, Red Hat, Anthropic) or a known educator
Is it current?	Dates and versions from 2025–2026; recent updates
Hands-on?	Labs, exercises, quizzes — not only videos
Free without tricks?	No credit card for the free part
Language and level	Beginner path; subtitles; Dari/Farsi where possible
Community	Forums, Discord, or comments to ask questions

Accounts and Staying Safe

Rule	Why
Use one learning email	Keeps courses, certificates and newsletters together
Password manager + 2-step verification	Protects your progress and certificates
Type the address yourself	Fake 'free course' sites steal logins
Never pay for 'free' certificates	Scammers resell free content
Cloud labs: watch the bill	Use free tiers and budgets; delete resources after labs
Privacy	Share only what is needed in public profiles

Learning Habits That Work

- Pick one track at a time — finish before starting another
- 30–60 minutes a day beats one long weekend
- Type every command yourself; break things in a lab
- Take notes in your own words; teach someone else
- Build a small project after each course
- Keep a free portfolio: GitHub, a blog, certificates

Slow Internet or Phone-Only?

Tip	How
Download for offline	PDFs from MyWebUniversity and Rocky Linux books; YouTube offline (where allowed)
Lower video quality	480p or audio-only for lectures
Text first	Official docs and tutorials use little data
Phone practice	Browser labs (Killercoda, TryHackMe) or Termux on Android
Share a device	Separate browser profiles per learner
Study groups	Learn together and share downloaded material

Summary and Homework

- Free learning is real — from vendors and educators
- Know the kind of free: content, certificate, credits, trial
- Judge sites: maker, current, hands-on, really free
- One learning email, password manager, 2-step verification
- Daily practice + notes + projects
- Homework: create your learning email and a bookmark folder for this course

Thank You! 🙏

Free videos & PDFs: www.MyWebUniversity.com

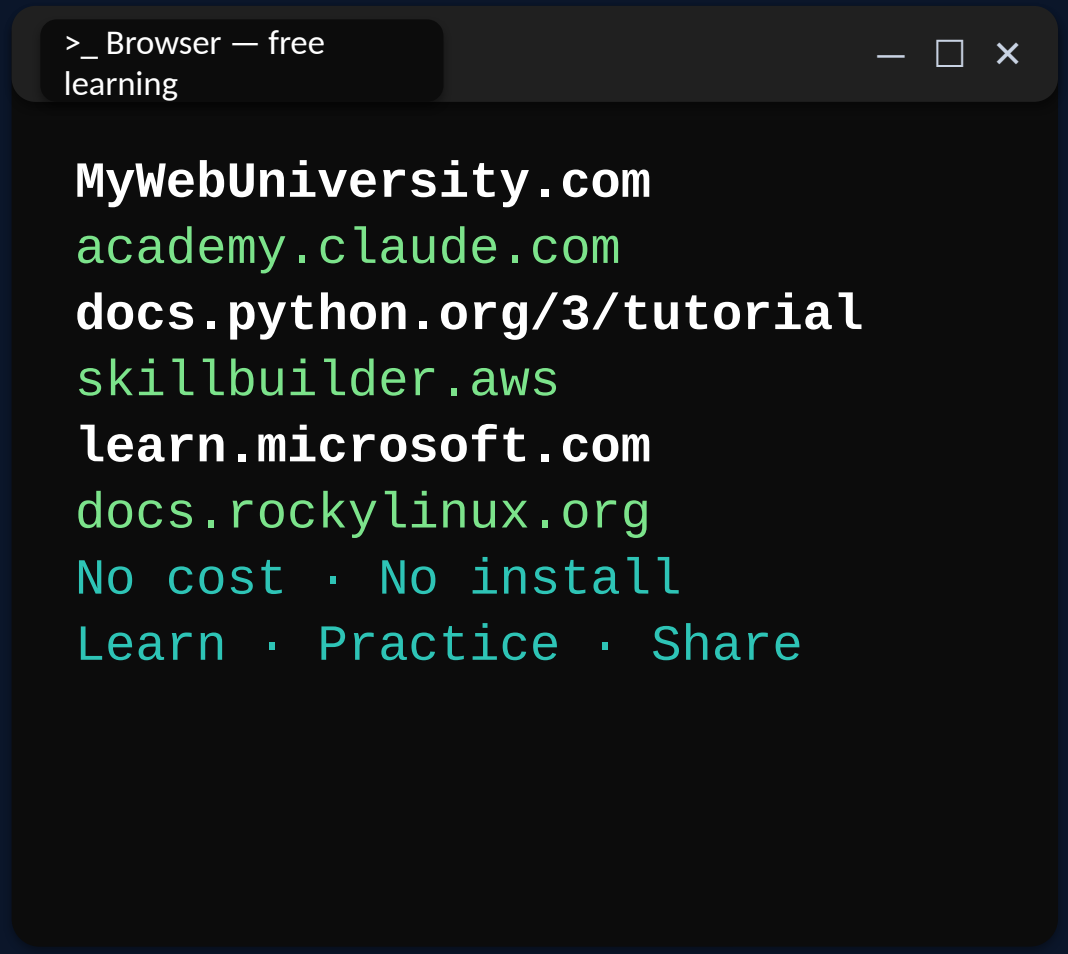
Slides for this lesson: MyWebUniversity.com/presentations

YouTube: @MyWebUniversity · @MyWebUniversity-Dari

Wahidullah Lutfy — Founder and Director of IT of MyWebUniversity, and CS teacher

Book: The Direct Path to Linux Ubuntu (Amazon · Barnes & Noble)

Learn it, then pass it on.



LESSON 2 OF 12

Free Learning Websites

Linux · Python · AI · Cloud · Security · Claude

MyWebUniversity.com, LinuxOnBrowser.com & Our Two YouTube Channels

Full Course · Free learning sites · checked Nov 2026

What You Will Learn in Lesson 2

- MyWebUniversity.com: the free learning home page
- toc1.html: the table of contents for 43 chapters
- Man pages: 9,000+ Ubuntu 26.04 pages in PDF and HTML
- LinuxOnBrowser.com: run Linux in your browser
- YouTube @MyWebUniversity (English)
- YouTube @MyWebUniversity-Dari (Dari)
- A study routine using all of them

MyWebUniversity.com — Home Page

Section	What you find
Mission	Free training in UNIX, Linux, Windows and programming — English and Dari
Numbers	2,600+ videos · 50,000+ free docs · 8,440+ man page PDFs
Menu	Videos in English · Videos in Dari · The Direct Path to Linux Ubuntu · Courses
Free Starter Edition	Preface + Chapters 1–3 as a free PDF, in English and Dari
Quick Links	Man pages, live PDF generator, PowerShell and Windows 11 help, cloud PDF
Recently posted	Newest videos — added regularly
Mobile	Mobile App Version page for phones

toc1.html — 43 Chapters, Free to Explore

Part	Chapters
Linux and UNIX foundations	1 About UNIX and Linux · 2–4 Basic, Intermediate, Advanced commands · 5 Shell scripting · 6 Web servers
Man pages and PDFs	7–13, 16, 21: search, PDF and HTML man pages; Rocky and RHEL 9.2; Ubuntu 26.04
Online practice	14 Bash and PowerShell (pwsh) · 15 Learn Linux Ubuntu Online
Videos	17 and 19 English lectures and quick tips · 18 and 20 Dari
Programming	22–31: C, C++, Go, Java, Ruby, Rust, Perl, R, JavaScript and Node.js, HTML5 and CSS3
Data, cloud, networking	32–36 JSON, XML, YAML, SQL, LDAP · 37–41 Cloud, Ansible, AWS and Azure, Docker, Apache · 42–43

Linux Man Pages: PDF and HTML

Resource	Use it for
Ch. 21 Linux Man Pages Online	9,000+ Ubuntu 26.04 LTS man pages in 20 categories, one-click PDF
Ch. 12 Dynamic generation	Generate the PDF of any man page on demand
Ch. 7 Search	Search Linux manual pages dynamically
Ch. 10 – 11	Rocky Linux 9.2 and RHEL 9.2 man pages
Ch. 9	C and C++ include header files
Tip	Print or save PDFs to study offline

LinuxOnBrowser.com

Item	Details
In one sentence	Run Linux Ubuntu commands in your favorite web browser and see the output instantly, with nothing to install
Works on	Any device with a browser: PC, Mac, Chromebook, tablet, phone
Use it with	All 43 chapters of The Direct Path to Linux Ubuntu
Best chapters	2–4 Basic, Intermediate, Advanced commands · 5 Shell scripting
Also	12 Dynamic man page PDFs · 15 Learn Linux Ubuntu Online
Tip	Read a chapter, then type each command and compare the output

Our Two YouTube Channels

Channel	What you find
@MyWebUniversity	English: 2,100+ videos — Linux, Windows, programming, DevOps, full courses
@MyWebUniversity-Dari	Dari: 500+ videos for Dari and Farsi speakers
Playlists	Long lectures, quick tips and courses organized by topic
Subtitles	Captions on new videos; slides as free PDFs
Subscribe + bell	Get new lessons; required for the free Starter Edition PDF
Comments	Ask questions and suggest topics

A Study Routine Using All of Them

Step	Where
1. Watch	One lesson on @MyWebUniversity or @MyWebUniversity-Dari
2. Read	The matching chapter from toc1.html (Starter Edition PDF for 1–3)
3. Practice	Type every command on LinuxOnBrowser.com
4. Look up	Unknown options in the man page PDFs (Ch. 12, 21)
5. Note	Write 5 commands you learned in your own words
6. Share	Teach one friend or family member — pass it on

Summary and Homework

- MyWebUniversity.com: 2,600+ videos, 50,000+ docs — English and Dari
- toc1.html: 43 chapters with free material
- Man pages: 9,000+ Ubuntu 26.04 pages, PDF and HTML
- LinuxOnBrowser.com: run Ubuntu commands in your browser — nothing to install
- YouTube: @MyWebUniversity and @MyWebUniversity-Dari
- Homework: subscribe, get the Starter Edition PDF, and run Chapter 2 commands on LinuxOnBrowser.com

Thank You! 🙏

Free videos & PDFs: www.MyWebUniversity.com

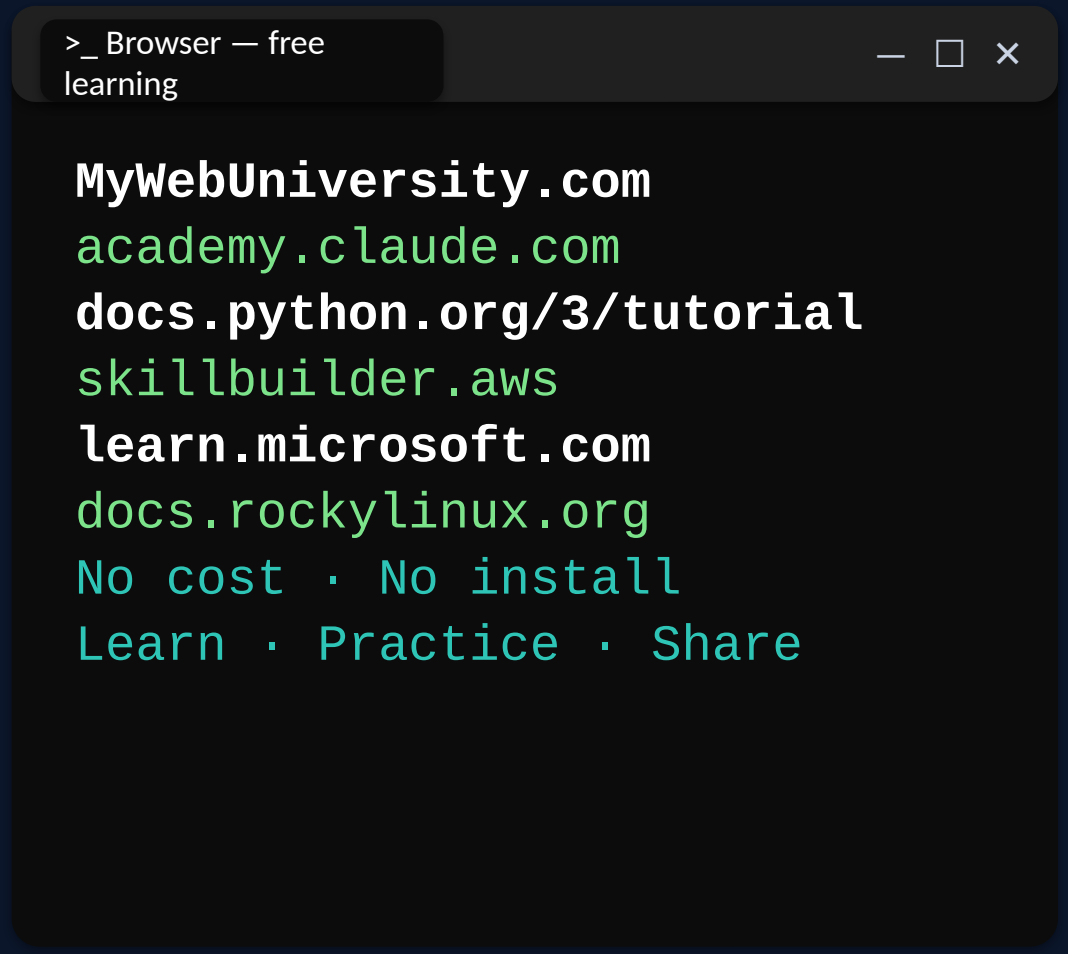
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YouTube: @MyWebUniversity · @MyWebUniversity-Dari

Wahidullah Lutfy — Founder and Director of IT of MyWebUniversity, and CS teacher

Book: The Direct Path to Linux Ubuntu (Amazon · Barnes & Noble)

Learn it, then pass it on.



LESSON 3 OF 12

Free Learning Websites

Linux · Python · AI · Cloud · Security · Claude

Learning Claude Free: Claude Academy, Claude Console Docs & Claude Desktop

Full Course · Free learning sites · checked Nov 2026

What You Will Learn in Lesson 3

- Claude Academy (academy.claude.com): free courses and badges
- Which course to take first: users, educators, developers
- docs.claude.com: Claude Console, API, prompt engineering
- Free notebook courses on GitHub
- support.claude.com: Claude on web, desktop and mobile
- Free plan vs paid plans for practice
- Using AI responsibly while learning

Claude Academy

Item	Details
Address	academy.claude.com (also: Claude app › profile menu › Learn more)
Launched	Aug 20, 2026 — replaced Anthropic Academy on Skilljar (Mar 2026)
Cost	Free; sign up with an email address; no credit card
Courses	About 28 (Nov 2026): Claude 101, AI Fluency, Claude Code, API, MCP, agents
Format	Short videos, hands-on exercises, quizzes, completion badges
Old links	anthropic.com/learn redirects; Skilljar course pages still load
Certifications	Separate exams — Academy badges are not certifications

Which Course First?

You are...	Start with
New to AI or Claude	Claude 101 → AI Fluency: Framework & Foundations
Teacher or student	AI Fluency for Educators / for Students
Office and business user	Claude 101 → courses on projects, files and connectors
Developer	Building with the Claude API → Introduction to MCP
Terminal / DevOps user	Claude Code 101 (needs a paid plan or API key to follow along)
Agent builder	Agent Skills → subagents and advanced MCP

Developer Docs: docs.claude.com

Section	What you learn
Get started	Create a Console account, API key, first request
Models overview	Current Claude models, context windows, pricing pointers
Prompt engineering	Clear instructions, examples, XML tags, roles
Tool use and MCP	Let Claude call your functions and connect data
Claude Code docs	Install, commands, settings, hooks, skills
Console	Workbench to test prompts; usage, limits and billing
Tip	Docs are free to read; API calls are billed per token

Free Notebook Courses on GitHub

Course	Topic
API Fundamentals	SDK setup, messages, parameters, streaming
Prompt Engineering Interactive Tutorial	Step-by-step prompting exercises
Real World Prompting	Prompts for practical tasks
Prompt Evaluations	Measure prompt quality with tests
Tool Use	Function calling with Claude
Where	github.com/anthropics/courses (Jupyter notebooks)

Claude App Help: support.claude.com

Topic	What you find
Claude on the web	claude.ai — chats, projects, files, artifacts
Claude desktop app	Windows and macOS: download, install, updates
Claude mobile	iPhone and Android apps; voice mode
Connectors and memory	Connect apps; turn memory on or off in Settings
Plans and limits	Free, Pro, Max, Team, Enterprise — usage limits
Privacy and safety	Data controls, incognito chats, reporting

Practice on the Free Plan — and Use AI Responsibly

Do	Avoid
Practice prompts from the courses on the free plan	Pasting passwords, IDs or private data
Ask Claude to explain, quiz you, or check your code	Copying answers without understanding
Verify facts with official docs	Trusting dates, versions or numbers blindly
Follow your school's or employer's AI rules	Submitting AI work as your own where not allowed
Use Claude to build study plans and flashcards	Skipping hands-on labs

Summary and Homework

- academy.claude.com: free courses, quizzes and badges (Aug 2026)
- Start: Claude 101 → AI Fluency; developers: API → MCP
- docs.claude.com: Console, API, prompt engineering, Claude Code
- github.com/anthropics/courses: free notebooks
- support.claude.com: web, desktop and mobile apps
- Learn with AI, but verify and practice yourself
- Homework: enroll in Claude 101 and finish the first module

Thank You! 🙏

Free videos & PDFs: www.MyWebUniversity.com

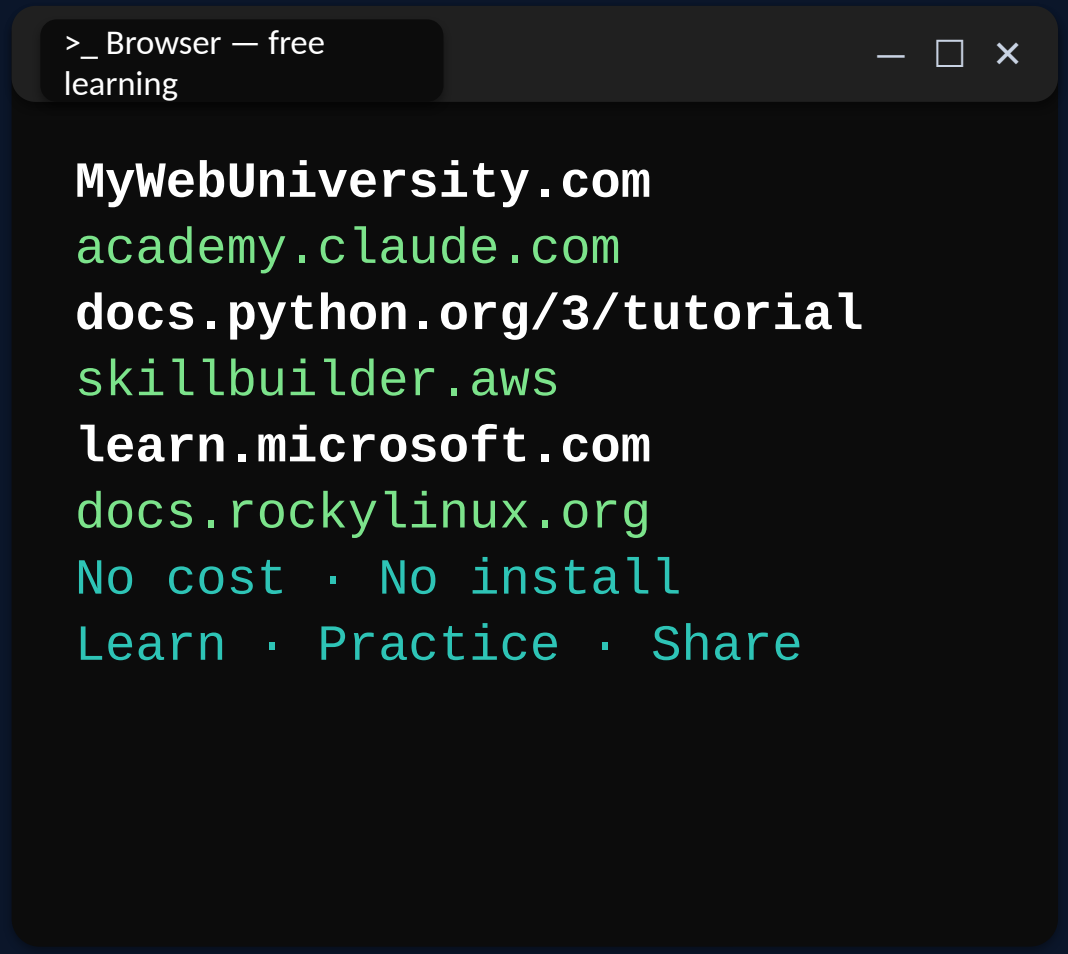
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Wahidullah Lutfy — Founder and Director of IT of MyWebUniversity, and CS teacher

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Learn it, then pass it on.



LESSON 4 OF 12

Free Learning Websites

Linux · Python · AI · Cloud · Security · Claude

Learning Python Free: python.org, the Official Tutorial & Docs

Full Course · Free learning sites · checked Nov 2026

What You Will Learn in Lesson 4

- python.org today: Python 3.15 (Oct 9, 2026)
- Beginner's Guide and the official tutorial
- Reading docs.python.org: library, HOWTOs, glossary
- Installing Python or practicing in the browser
- Python for DevOps: scripts, venv, pip
- Community: discuss.python.org, PyPI, user groups
- A 30-day free Python plan

python.org at a Glance (Nov 2026)

Item	Details
Newest release	Python 3.15.0 — Oct 9, 2026 (lazy imports, frozendict, UTF-8 default, faster JIT)
Still supported	3.14, 3.13, 3.12, 3.11 — 3.10 reached end of life (Oct 2026)
Downloads	python.org/downloads — Windows, macOS; Linux uses its package manager
Documentation	docs.python.org/3 — tutorial, library reference, HOWTOs
Beginner's Guide	wiki.python.org/moin/BeginnersGuide
Packages	pypi.org — the Python Package Index
Community	discuss.python.org, PyCon videos, local user groups

The Official Tutorial: docs.python.org/3/tutorial

Chapters	Topics
1–3	Whetting your appetite · the interpreter · informal introduction (numbers, text, lists)
4	Control flow: if, for, range, functions, match
5	Data structures: lists, tuples, sets, dictionaries
6–7	Modules and packages · input and output, files, JSON
8–9	Errors and exceptions · classes
10–11	Standard library tour (os, re, math, datetime, logging…)
12–13	Virtual environments and packages · what next

Type It Yourself: First Steps

```
$ python3 --version
Python 3.15.0
$ python3
>>> name = "Wahid"
>>> print(f"Salaam, {name}!")
Salaam, Wahid!
>>> courses = ["Linux", "Python", "AI"]
>>> for c in courses:
...     print(c.upper(), len(c))
>>> help(str.split)          # built-in documentation
>>> exit()
```

Reading the Docs Like a Professional

Section	Use it for
Library Reference	Every built-in module: os, pathlib, subprocess, json, csv, re
Language Reference	Exact rules of the syntax (advanced)
HOWTOs	Logging, regular expressions, sorting, argparse, Unicode
What's New	Changes in each version — read for 3.15
Glossary	Plain definitions of Python terms
Search + version menu	Pick your version (3.12–3.15) at the top of each page

Install or Practice in the Browser

Option	Notes
Windows / macOS	Installer from python.org/downloads (or Python install manager on Windows)
Linux	Already installed on most distros: dnf / apt install python3
python.org shell	Interactive console on the python.org home page
Browser notebooks	Kaggle Notebooks (free, lesson 6) — no install
Phone	Termux on Android; Linux Terminal on Pixel (Debian VM)
Our lessons	MyWebUniversity Python resources and man pages

Python for DevOps: venv, pip and a Script

```
$ python3 -m venv ~/venvs/tools        # isolated environment
$ source ~/venvs/tools/bin/activate
(tools) $ pip install requests          # from pypi.org
(tools) $ cat check_sites.py
import requests
for url in ["https://www.mywebuniversity.com", "https://docs.python.org"]:
    r = requests.get(url, timeout=10)
    print(r.status_code, url)
(tools) $ python check_sites.py
200 https://www.mywebuniversity.com
200 https://docs.python.org
```

A 30-Day Free Python Plan

Days	Do this
1–7	Tutorial chapters 1–4; type every example
8–14	Chapters 5–7; write a script that reads and writes a file
15–21	Chapters 8–10; Kaggle Learn Python course for extra practice
22–26	Chapters 11–12; venv, pip, requests; automate one real task
27–30	Mini project + put it on GitHub; read What's New in 3.15
Every day	Ask questions on discuss.python.org; review your notes

Summary and Homework

- python.org: Python 3.15.0 (Oct 9, 2026); 3.10 is end-of-life
- docs.python.org/3/tutorial: the free official course
- Library Reference, HOWTOs, What's New, Glossary
- Install, or use the python.org shell and browser notebooks
- venv + pip + small scripts = Python for DevOps
- Homework: finish tutorial chapters 1–3 and run check_sites.py

Thank You! 🙏

Free videos & PDFs: www.MyWebUniversity.com

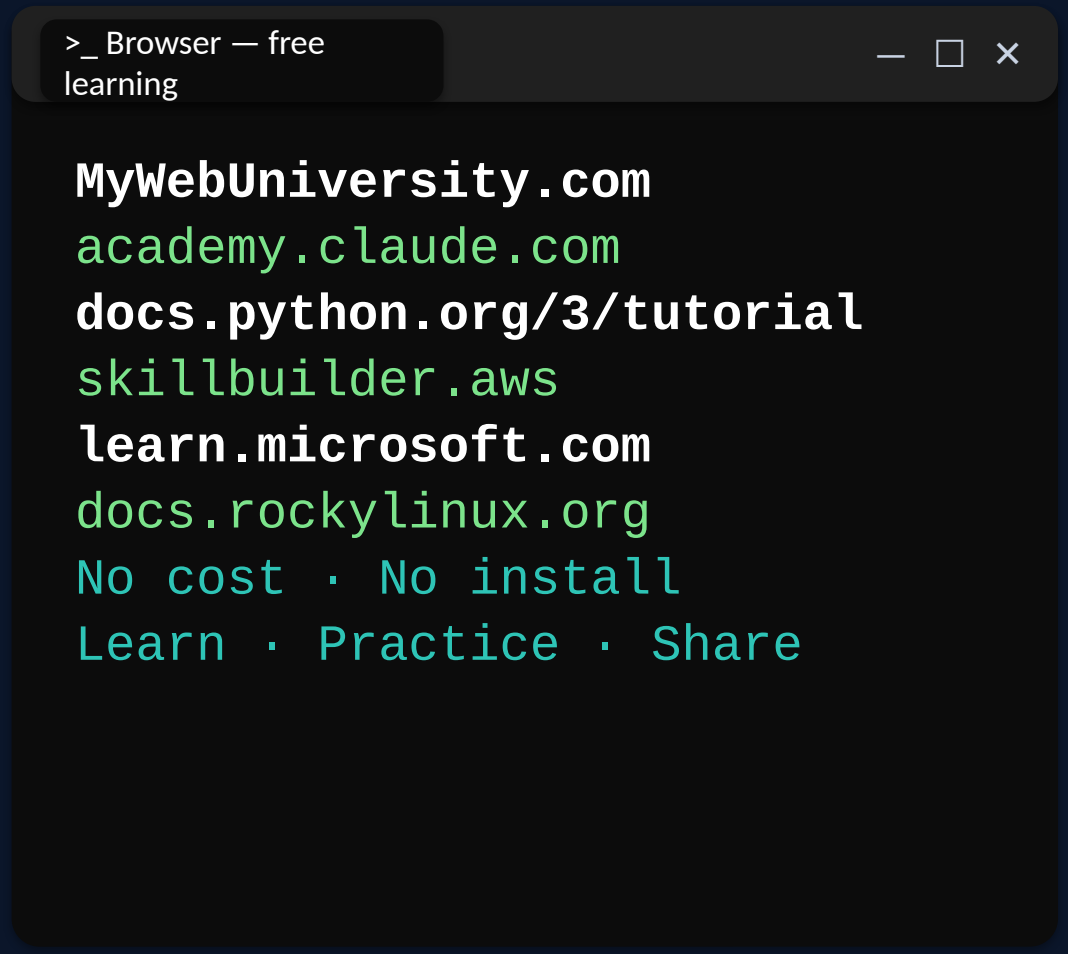
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Learn it, then pass it on.



LESSON 5 OF 12

Free Learning Websites

Linux · Python · AI · Cloud · Security · Claude

DevOps & Tech: roadmap.sh, freeCodeCamp & Killercoda Labs

Full Course · Free learning sites · checked Nov 2026

What You Will Learn in Lesson 5

- roadmap.sh: free step-by-step roadmaps (DevOps, Linux, Python, AI)
- freeCodeCamp: free curriculum, certifications and long videos
- Killercoda: browser labs for Linux, Docker and Kubernetes
- GitHub Skills: learn Git and GitHub Actions by doing
- A free DevOps learning path
- Building a portfolio as you learn
- Where MyWebUniversity fits

roadmap.sh

Feature	What you get
Role roadmaps	DevOps, Linux, Backend, Python, AI Engineer, Cyber Security, AWS
Skill roadmaps	Docker, Kubernetes, Git and GitHub, SQL, Terraform
Each topic	Short explanation + free links to articles, docs and videos
Progress	Free account to mark topics done
Projects	Project ideas by level to practice each roadmap
Use it as	Your table of contents — then learn on other free sites

freeCodeCamp

Feature	What you get
Curriculum	Interactive lessons in the browser: HTML/CSS, JavaScript, Python, SQL
Certifications	Free verified certifications after projects and exams
Relational databases	Bash, SQL, PostgreSQL and Git through hands-on projects
News articles	Thousands of free tutorials and full-length handbooks
YouTube channel	Long free courses: Linux, DevOps, Docker, Kubernetes, AWS, AI
Nonprofit	Donor-supported; no paywall

Killercoda: Labs in Your Browser

Feature	Notes
What	Real Linux machines and Kubernetes clusters in a browser tab
Scenarios	Linux basics, Bash, Docker, Podman, Kubernetes, Helm, Terraform, Ansible
Playgrounds	Empty Ubuntu or Kubernetes environment to try anything
Free tier	Free sessions with a time limit; paid plan adds longer sessions
Exam prep	Popular for CKA / CKAD / CKS practice
Safety	Disposable lab — nothing touches your own computer

A First Killercoda Session

```
# killercoda.com › Playgrounds › Ubuntu (or Kubernetes)
ubuntu:~$ cat /etc/os-release | head -2
ubuntu:~$ sudo apt update && sudo apt install -y tree
ubuntu:~$ docker run --rm hello-world          # if Docker is available
controlplane:~$ kubectl get nodes               # Kubernetes playground
NAME           STATUS   ROLES           AGE
controlplane   Ready    control-plane   2m
node01         Ready    <none>          2m
controlplane:~$ kubectl create deployment web --image=nginx
controlplane:~$ kubectl get pods -w
```

GitHub Skills and Git Practice

Resource	What you learn
skills.github.com	Free interactive courses run inside your own repository
Introduction to GitHub	Branches, commits, pull requests
GitHub Actions	Your first CI workflow: test on every push
Pages	Publish a free portfolio website
git-scm.com/book	Pro Git book — free online
Tip	Commit your notes and scripts daily — that is your portfolio

A Free DevOps Learning Path

Step	Where (free)
1. Linux + command line	MyWebUniversity, LinuxOnBrowser, Linux Journey, LFS101
2. Bash and Python scripting	MyWebUniversity, python.org tutorial
3. Git and GitHub	GitHub Skills, Pro Git book
4. Networking basics	Cisco NetAcad Networking Basics (lesson 9)
5. Containers	Killercoda Docker/Podman, freeCodeCamp videos
6. Kubernetes	Killercoda, Kubernetes docs tutorials
7. Automation + cloud	Ansible (Red Hat, Rocky books), AWS Skill Builder
8. CI/CD + monitoring	GitHub Actions, roadmap.sh DevOps projects

Build a Portfolio as You Learn

Project	Shows
Bash script that backs up a folder	Linux, cron, permissions
Python site checker (lesson 4) + GitHub Actions	Scripting, CI
Dockerfile for a small web app	Containers
Kubernetes deployment + service YAML	Orchestration
Ansible playbook for a LAMP server	Automation
README with diagrams and lessons learned	Communication

Summary and Homework

- roadmap.sh: free roadmaps — your table of contents
- freeCodeCamp: free interactive curriculum, certifications, long videos
- Killercoda: free browser labs for Linux, Docker, Kubernetes
- GitHub Skills + Pro Git: learn Git by doing
- Follow the 8-step free DevOps path; build portfolio projects
- Homework: open the roadmap.sh DevOps roadmap and run one Killercoda scenario

Thank You! 🙏

Free videos & PDFs: www.MyWebUniversity.com

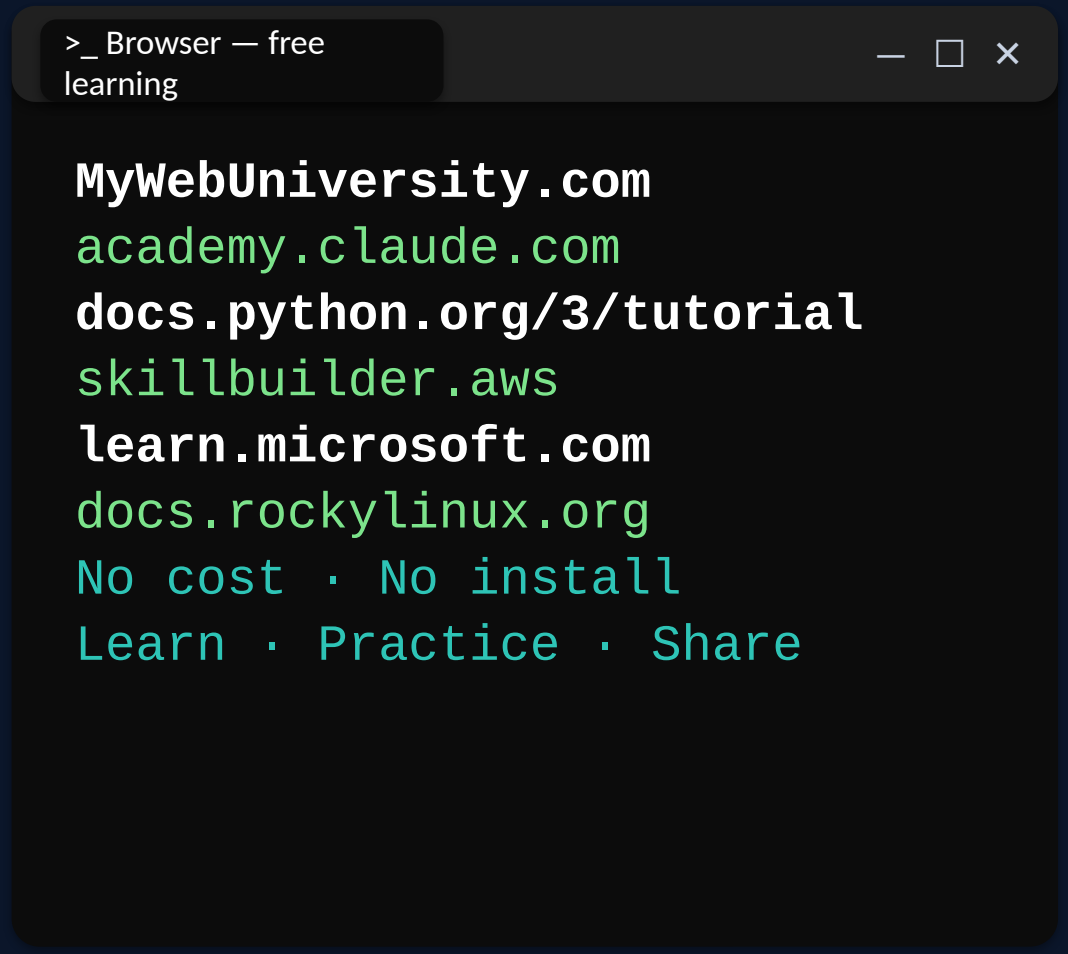
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Learn it, then pass it on.



LESSON 6 OF 12

Free Learning Websites

Linux · Python · AI · Cloud · Security · Claude

Learning AI Free: Hugging Face, Kaggle Learn, DeepLearning.AI & Google

Full Course · Free learning sites · checked Nov 2026

What You Will Learn in Lesson 6

- An AI learning ladder: use → understand → build
- Hugging Face Learn: LLM Course, Agents Course and more
- Kaggle Learn: free micro-courses and free notebooks
- DeepLearning.AI: what is free and what needs Pro
- Google: Intro to Generative AI, ML Crash Course
- Microsoft AI for Beginners (GitHub)
- A 6-week free AI plan

The AI Learning Ladder

Step	Free places to learn
1. Use AI well	Claude Academy: Claude 101, AI Fluency (lesson 3)
2. Understand the ideas	Google Intro to Generative AI; Microsoft AI for Beginners
3. Learn Python + data	python.org tutorial (lesson 4); Kaggle Learn Python, Pandas
4. Machine learning	Kaggle Intro to ML; Google ML Crash Course
5. Deep learning + LLMs	Hugging Face LLM Course; DeepLearning.AI short courses
6. Build agents	Hugging Face Agents Course; Claude API and MCP courses

Hugging Face Learn: huggingface.co/learn

Course	What you learn
LLM Course	Transformers, tokenizers, fine-tuning, sharing models (12 chapters)
Agents Course	Build AI agents with open-source frameworks — free certificate with assignments
MCP / Context courses	Connecting models to tools and data
Diffusion, Deep RL, Audio, Computer Vision	Specialized topics with code notebooks
Hub	Free models, datasets and Spaces (demo apps) to try in the browser
Level	Intermediate — Python required

Kaggle Learn: kaggle.com/learn

Feature	Details
Micro-courses	Python, Pandas, Data Visualization, Intro to ML, Intermediate ML
More	Intro to Deep Learning, Computer Vision, SQL, Feature Engineering, AI Ethics
Format	Short lessons + exercises in free browser notebooks
Certificates	Free completion certificates
Notebooks	Free CPU/GPU notebooks with weekly limits — no install
Competitions	Practice on real datasets; learn from public notebooks

DeepLearning.AI: What Is Free?

Item	Details
Short courses	100+ one- to two-hour courses built with AI companies
Free	Watching course videos
Pro plan	Quizzes, graded labs and certificates need Pro (about $25/month, Oct 2026)
Beginner pick	AI for Everyone (Andrew Ng) — no coding
Builder picks	Prompt engineering, RAG, agents, vLLM inference
Tip	Watch free, practice the code in Kaggle or your own notebook

Google and Microsoft: Free Foundations

Course	Details
Google: Introduction to Generative AI	Short learning path on Google Skills; free badge
Google: Machine Learning Crash Course	developers.google.com/machine-learning/crash-course — free, interactive
Google Skills credits	35 free credits each month for hands-on labs (developers)
Microsoft: AI for Beginners	github.com/microsoft/AI-For-Beginners — 12-week curriculum
Microsoft: Generative AI for Beginners	Free GitHub course with code lessons
Microsoft Learn AI paths	Azure AI Fundamentals learning paths (lesson 10)

A 6-Week Free AI Plan

Week	Do this
1	Claude 101 + AI Fluency (Claude Academy); Google Intro to Generative AI
2	Kaggle Learn: Python and Pandas
3	Kaggle Intro to ML + Google ML Crash Course (first modules)
4	Kaggle Intro to Deep Learning; DeepLearning.AI short course videos
5	Hugging Face LLM Course chapters 1–4
6	Hugging Face Agents Course unit 1 + a small Claude API or MCP project
Always	Use AI ethically: cite, verify, protect private data

Summary and Homework

- Climb the ladder: use → understand → Python → ML → LLMs → agents
- Hugging Face: free LLM and Agents courses, models and Spaces
- Kaggle Learn: free micro-courses, notebooks and certificates
- DeepLearning.AI: free videos; Pro for quizzes and certificates
- Google Intro to Generative AI, ML Crash Course; Microsoft AI for Beginners
- Homework: finish Kaggle 'Intro to Programming' or 'Python' lesson 1

Thank You! 🙏

Free videos & PDFs: www.MyWebUniversity.com

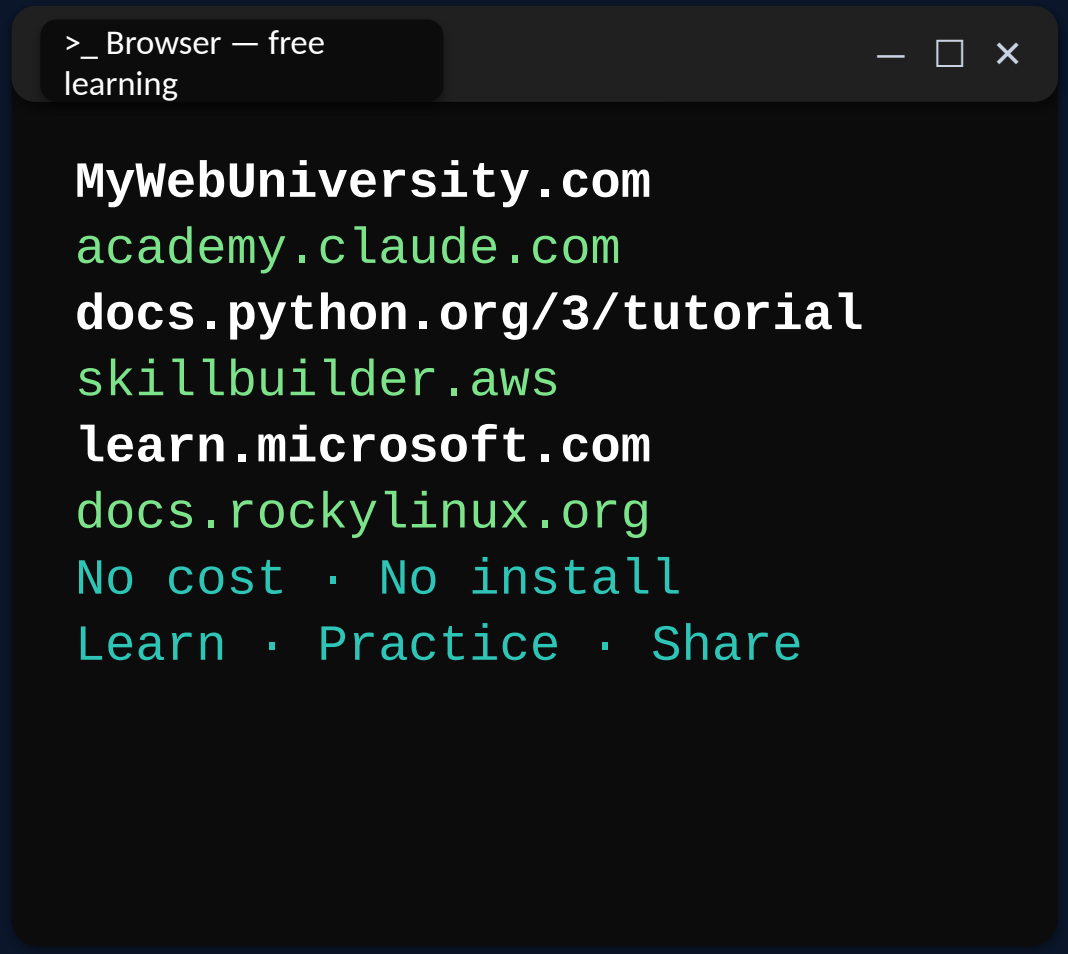
Slides for this lesson: MyWebUniversity.com/presentations

YouTube: @MyWebUniversity · @MyWebUniversity-Dari

Wahidullah Lutfy — Founder and Director of IT of MyWebUniversity, and CS teacher

Book: The Direct Path to Linux Ubuntu (Amazon · Barnes & Noble)

Learn it, then pass it on.



LESSON 7 OF 12

Free Learning Websites

Linux · Python · AI · Cloud · Security · Claude

Operating Systems: Linux Foundation, Linux Journey, OSTEP & Cisco

Full Course · Free learning sites · checked Nov 2026

What You Will Learn in Lesson 7

- Three levels: user, administrator, how it works inside
- Linux Journey: friendly beginner lessons
- Cisco NetAcad: Operating Systems Basics and Linux Unhatched
- Linux Foundation: LFS101 and 75+ free courses
- OSTEP: the free operating-systems textbook
- Practice: LinuxOnBrowser, MyWebUniversity man pages, Killercoda
- A free operating-systems path

Three Levels of OS Knowledge

Level	You can…	Free places
User	Use files, apps, settings, the shell	Linux Journey, Cisco OS Basics, MyWebUniversity
Administrator	Users, packages, services, storage, networking	LFS101, Rocky and Ubuntu docs, RH024
Inside	Processes, scheduling, memory, file systems	OSTEP, Linux kernel docs
Practice	Type commands every day	LinuxOnBrowser.com, Killercoda

Linux Journey and Cisco NetAcad

Site	What you get
linuxjourney.com	Free, friendly lessons: Grasshopper → Journeyman → Networking Nomad
Topics	Command line, text-fu, permissions, processes, packages, devices, boot, networking
Quizzes	Short exercises after each lesson
Cisco NetAcad: Operating Systems Basics	Free, about 12 hours — computer and mobile OS fundamentals
Cisco NetAcad: Linux Unhatched	Short free introduction to Linux
Also on NetAcad	Computer Hardware Basics — useful for A+ style knowledge

Linux Foundation: Free Courses

Course	Details
LFS101 Introduction to Linux	Free; graphical and command line across major distribution families
Where	training.linuxfoundation.org › Free Courses (also on edX)
75+ free full-length courses	Linux, open source, Kubernetes, cloud native, security
Examples	Intro to Kubernetes, Intro to DevOps and SRE, Open Source Licensing basics
Badges	Free completion badges on many courses
Paid	Certification exams (LFCA, LFCS, CKA) cost money

OSTEP: How Operating Systems Really Work

Part	Topics
Book	Operating Systems: Three Easy Pieces — Remzi and Andrea Arpaci-Dusseau
Where	pages.cs.wisc.edu/~remzi/OSTEP — free chapters as PDFs
Virtualization	Processes, scheduling, address spaces, paging, TLBs, swapping
Concurrency	Threads, locks, condition variables, semaphores, bugs
Persistence	Disks, RAID, file systems, journaling, SSDs, distributed systems
Extras	Homework simulators and C code to try on Linux

Practice: See the OS at Work

```
# On LinuxOnBrowser.com or any Linux lab
$ uname -a ; cat /etc/os-release | head -2
$ ps -ef | head -5              # processes (OSTEP: virtualization)
$ top -b -n 1 | head -12        # CPU scheduling and load
$ free -h                       # memory and swap
$ cat /proc/cpuinfo | grep -c processor
$ df -hT ; lsblk                # file systems and disks (persistence)
$ ls -l /proc/self/fd           # open file descriptors
$ man 2 fork                    # system call docs — MyWebUniversity PDF too
```

A Free Operating-Systems Path

Weeks	Do this
1–2	Linux Journey Grasshopper + MyWebUniversity Chapters 1–2 on LinuxOnBrowser
3	Cisco Operating Systems Basics (Windows, macOS, mobile)
4–7	LFS101 Introduction to Linux + MyWebUniversity Chapters 3–5
8–10	OSTEP: Virtualization chapters + homework
11–12	OSTEP: Concurrency and Persistence highlights
Then	Admin skills: Rocky / Ubuntu docs, Red Hat RH024 (lessons 11–12)

Summary and Homework

- Three levels: user, administrator, inside
- Linux Journey + Cisco OS Basics for beginners
- Linux Foundation LFS101 + 75 free courses
- OSTEP: free textbook on virtualization, concurrency, persistence
- Practice every command on LinuxOnBrowser.com
- Homework: finish Linux Journey 'Command Line' and enroll in LFS101

Thank You! 🙏

Free videos & PDFs: www.MyWebUniversity.com

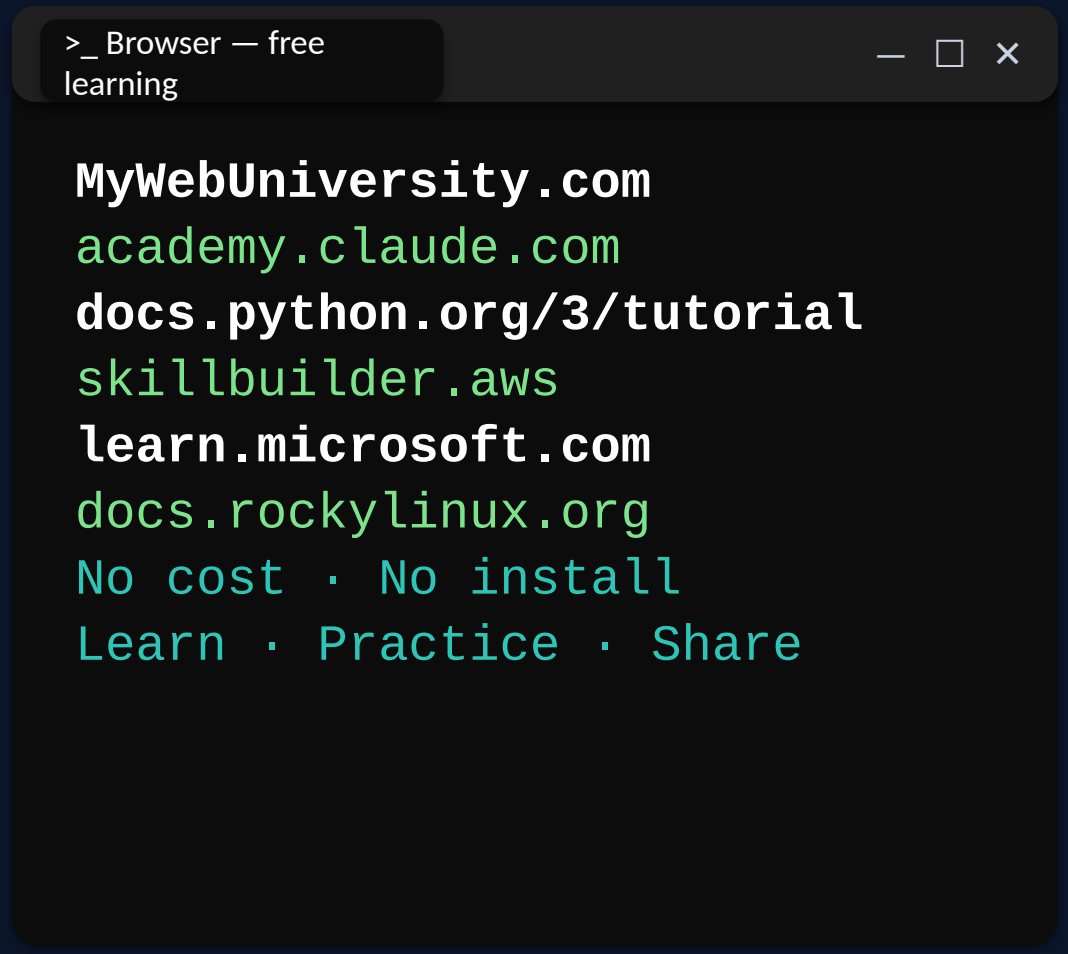
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LESSON 8 OF 12

Free Learning Websites

Linux · Python · AI · Cloud · Security · Claude

Databases: SQLBolt, PostgreSQL Docs & MongoDB University

Full Course · Free learning sites · checked Nov 2026

What You Will Learn in Lesson 8

- Relational (SQL) vs document (NoSQL) databases
- SQLBolt: interactive SQL lessons in the browser
- PostgreSQL docs: tutorial, reference, admin
- MongoDB University: free courses, labs, learning paths
- More free practice: Kaggle SQL, freeCodeCamp, MyWebUniversity Ch. 35
- Practice with SQLite and PostgreSQL on Linux
- A free database path

Two Kinds of Databases

	Relational (SQL)	Document (NoSQL)
Data	Tables with rows and columns	JSON-like documents
Examples	PostgreSQL, MySQL/MariaDB, SQLite, Oracle, SQL Server	MongoDB, Couchbase
Query	SQL: SELECT, JOIN, GROUP BY	find(), aggregation pipeline
Strengths	Strong consistency, relationships, reporting	Flexible schema, fast development
Learn first	SQL — used everywhere, including data and AI	After SQL basics

SQLBolt: sqlbolt.com

Feature	Details
What	Free interactive SQL lessons — type queries, see results instantly
Lessons	SELECT, WHERE, ORDER BY, JOINs, aggregates, GROUP BY, INSERT, UPDATE, DELETE, CREATE TABLE
Exercises	Each lesson has tasks checked in the browser
Account	None needed
Time	A few hours for the whole set
Next	Repeat the same queries in PostgreSQL on your own Linux system

PostgreSQL Docs: postgresql.org/docs

Part	Use it for
Tutorial (Part I)	Getting started, SQL language basics, advanced features
The SQL Language	Data types, queries, indexes, transactions, functions
Server Administration	Install, config, roles, backup and restore, replication
Reference	Every SQL command and client tool (psql, pg_dump)
Version menu	Pick your version — docs for each release
Free	Open source database and docs; community mailing lists

Practice: PostgreSQL on Linux

```
$ sudo dnf install -y postgresql-server postgresql   # Rocky/RHEL/Fedora
$ sudo postgresql-setup --initdb && sudo systemctl enable --now postgresql
$ sudo apt install -y postgresql                     # Ubuntu/Debian
$ sudo -u postgres psql
postgres=# CREATE DATABASE school;
postgres=# \c school
school=# CREATE TABLE students (id serial PRIMARY KEY, name text, city text);
school=# INSERT INTO students (name, city) VALUES ('Maryam','Kabul'), ('Ali','Herat');
school=# SELECT city, count(*) FROM students GROUP BY city;
school=# \q
$ sqlite3 test.db "SELECT sqlite_version();"         # SQLite: no server
```

MongoDB University: learn.mongodb.com

Feature	Details
Cost	Free, self-paced, on-demand
Formats	Learning paths, courses, units under an hour, labs, short 'learning bytes'
Paths	Developer (Python, Node.js, Java, C#), DBA, Atlas, data modeling
Hands-on	Labs on MongoDB Atlas (free tier cluster)
AI topics	Vector search and retrieval-augmented generation (RAG)
Certification	Completing a certification path unlocks an exam discount

More Free Database Practice

Site	What you get
Kaggle Learn: Intro to SQL	SQL on real BigQuery datasets in free notebooks
freeCodeCamp: Relational Databases	Bash, SQL, PostgreSQL, Git — free certification
MyWebUniversity Ch. 35	SQL Databases resources
MyWebUniversity Ch. 32–34	JSON, XML, YAML — data formats used with databases
MySQL / MariaDB docs	dev.mysql.com/doc and mariadb.com/kb — free references
AWS / Microsoft Learn	Free database fundamentals paths (lessons 10–11)

A Free Database Path

Weeks	Do this
1	SQLBolt — all lessons
2	PostgreSQL tutorial (Part I) + install on Linux; recreate SQLBolt queries
3	Kaggle Intro to SQL + Advanced SQL
4–5	freeCodeCamp Relational Databases projects
6	PostgreSQL admin: roles, pg_dump backup and restore
7–8	MongoDB University: Introduction to MongoDB + Python developer path
Project	A small app (Python + PostgreSQL) on GitHub

Summary and Homework

- Learn SQL first; then document databases
- SQLBolt: free interactive SQL, no account
- PostgreSQL docs: tutorial, SQL language, administration, reference
- MongoDB University: free courses, labs, learning paths
- Kaggle SQL, freeCodeCamp Relational Databases, MyWebUniversity Ch. 35
- Homework: finish SQLBolt lessons 1–6 and create the 'school' database

Thank You! 🙏

Free videos & PDFs: www.MyWebUniversity.com

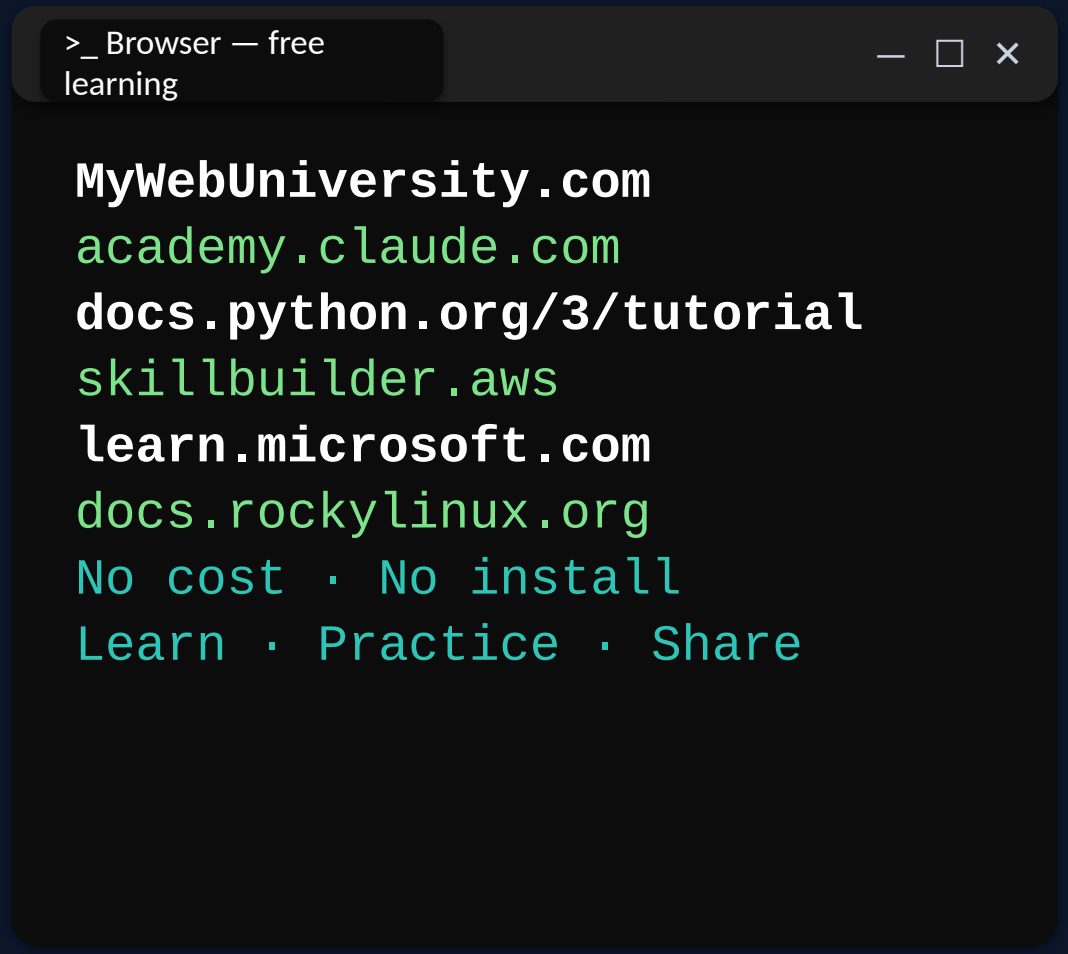
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LESSON 9 OF 12

Free Learning Websites

Linux · Python · AI · Cloud · Security · Claude

Networking & Cybersecurity: Cisco NetAcad, Professor Messer, TryHackMe & OverTheWire

Full Course · Free learning sites · checked Nov 2026

What You Will Learn in Lesson 9

- Networking first, then security
- Cisco Networking Academy: free self-paced courses
- Professor Messer: free CompTIA video courses
- TryHackMe: free rooms with an in-browser attack machine
- OverTheWire: Bandit and other wargames
- Practice networking commands on Linux
- Ethics, authorization, and a free path

Cisco Networking Academy: netacad.com

Course	Details
Networking Basics	About 22 hours — how networks, IP addressing and Ethernet work
Introduction to Cybersecurity	About 6 hours — threats, protecting yourself and organizations
More free courses	Networking Devices, Endpoint Security, Python, Linux, Packet Tracer
Packet Tracer	Free network simulator — build and test networks virtually
Cost	Free self-paced courses with digital badges
Next	Instructor-led CCNA paths through partner academies

Professor Messer: professormesser.com

Feature	Details
What	Free complete video courses for CompTIA certifications
Courses	A+ (hardware, OS), Network+ (networking), Security+ (security)
Format	Short videos following the official exam objectives
Live	Free monthly study group streams with Q&A
Also on	YouTube — watch in order, playlist by exam
Paid extras	Optional notes and practice exams — not required

Practice: Networking Commands on Linux

```
$ ip addr show                    # your IP addresses and interfaces
$ ip route                        # default gateway and routes
$ ping -c 4 mywebuniversity.com   # is a host reachable?
$ tracepath mywebuniversity.com   # hops along the path
$ dig mywebuniversity.com         # DNS lookup (bind-utils / dnsutils)
$ ss -tulpn                       # listening ports and services
$ curl -I https://www.python.org # HTTP response headers
$ sudo firewall-cmd --list-all    # Rocky/RHEL/Fedora firewall
$ sudo ufw status                 # Ubuntu firewall
```

TryHackMe: tryhackme.com

Feature	Details
What	Guided, hands-on cybersecurity lessons called 'rooms'
Free content	Hundreds of free rooms (650+), beginner to advanced
In the browser	Free AttackBox and target machines — nothing to install
Topics	Linux basics, networking, web security, defensive (SOC) and offensive
Start with	Pre Security and Cyber Security 101 paths
Premium	Optional — more paths and longer machine time

OverTheWire: Bandit Wargame

```
# overthewire.org/wargames/bandit — free, legal practice
$ ssh bandit0@bandit.labs.overthewire.org -p 2220   # password: bandit0
bandit0@bandit:~$ ls -la
bandit0@bandit:~$ cat readme              # password for the next level
bandit0@bandit:~$ exit
$ ssh bandit1@bandit.labs.overthewire.org -p 2220
# Skills: ls, cat, find, grep, sort, uniq, base64, tar, ssh keys
# Next games: Natas (web), Leviathan, Krypton
```

Ethics and Authorization

Rule	Why
Only test what you own or are allowed to test	Unauthorized access is illegal
Use practice platforms	TryHackMe, OverTheWire, your own lab VMs
Read each site's rules	Some forbid sharing solutions or scanning
Protect people's data	Report problems responsibly; never publish secrets
Learn defense too	Patching, logs, firewalls, backups, strong passwords + MFA
More free resources	NIST CSF, OWASP Top 10, CISA free training

A Free Networking & Security Path

Weeks	Do this
1–3	Cisco Networking Basics + Professor Messer Network+ videos
4	Linux networking commands; build a network in Packet Tracer
5	Cisco Introduction to Cybersecurity
6–7	TryHackMe Pre Security path (browser labs)
8	OverTheWire Bandit levels 0–15
9–12	Professor Messer Security+ videos + TryHackMe Cyber Security 101
Ongoing	Secure your own Linux server: firewall, SSH keys, updates

Summary and Homework

- Networking first, then security
- Cisco NetAcad: free courses + Packet Tracer simulator
- Professor Messer: free A+, Network+, Security+ video courses
- TryHackMe: free rooms with browser labs; OverTheWire: free wargames
- Only test what you own or are authorized to test
- Homework: run the Linux networking commands and finish Bandit level 0 → 5

Thank You! 🙏

Free videos & PDFs: www.MyWebUniversity.com

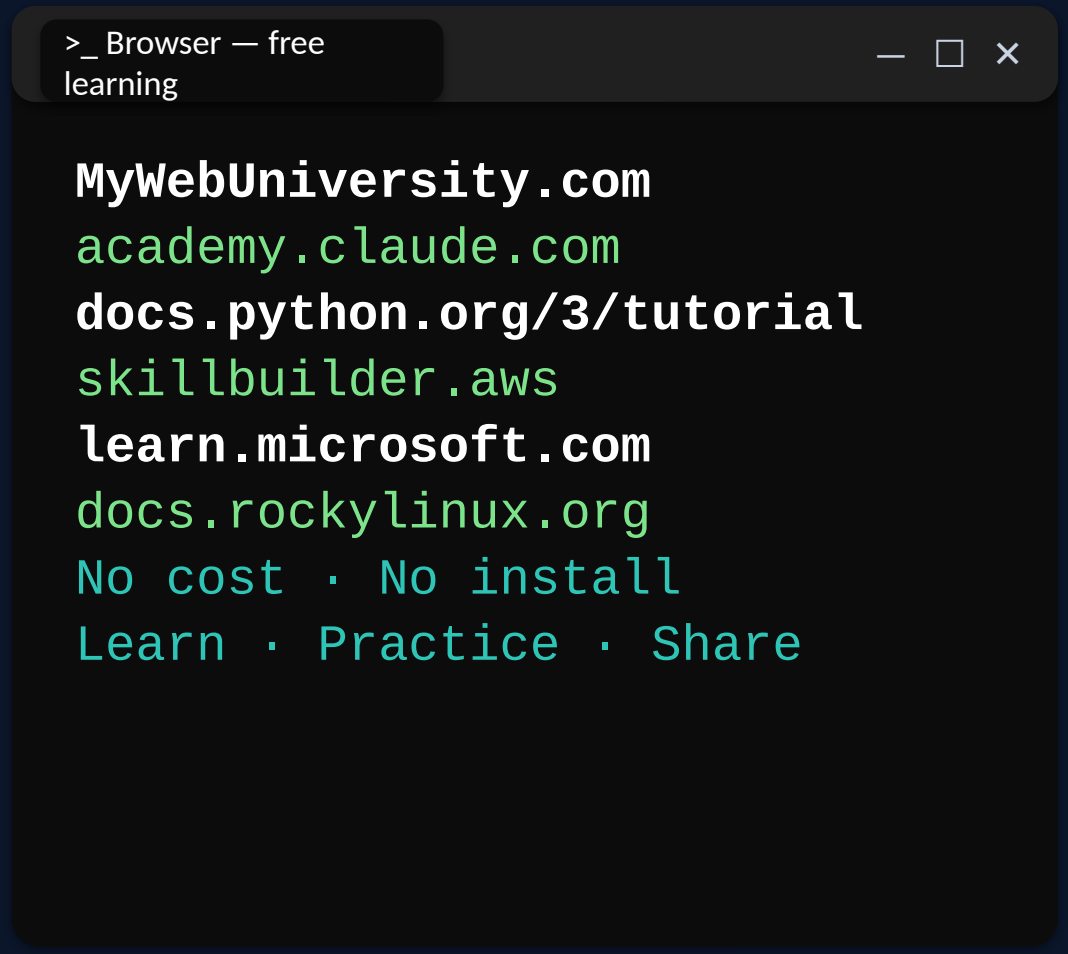
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LESSON 10 OF 12

Free Learning Websites

Linux · Python · AI · Cloud · Security · Claude

AWS & Cloud: AWS Skill Builder, Google Skills & Microsoft Learn for Azure

Full Course · Free learning sites · checked Nov 2026

What You Will Learn in Lesson 10

- Cloud basics: IaaS, PaaS, SaaS
- AWS Skill Builder: 1,000+ free resources
- Google Skills: free courses and monthly credits
- Microsoft Learn: free Azure learning paths
- MyWebUniversity cloud chapters
- Avoid surprise bills: budgets and cleanup
- A free cloud path

Cloud Basics

Model	You manage	Examples
IaaS	OS, apps, data (provider runs hardware)	AWS EC2, Azure VMs, Google Compute Engine
PaaS	Your app and data	AWS Elastic Beanstalk, Azure App Service, Cloud Run
SaaS	Just your use and data	Microsoft 365, Gmail, Claude
Serverless	Only functions/code	AWS Lambda, Azure Functions
Linux skills	Most cloud servers run Linux	Rocky, RHEL, Ubuntu images

AWS Skill Builder: skillbuilder.aws

Feature	Details
Free	1,000+ free courses and resources, self-paced
Start with	AWS Cloud Practitioner Essentials
Topics	Compute, storage, networking, security, databases, generative AI
Microcredentials	Free hands-on skill validations
Subscription	Optional paid tier adds more labs and practice exams
Also free	AWS documentation and the AWS Free Tier for practice

Google Skills (formerly Cloud Skills Boost)

Feature	Details
Site	skills.google
Free courses	Google Cloud fundamentals, data, security, AI
Generative AI	Free Introduction to Generative AI
Credits	35 free credits each month for developers — for hands-on labs
Labs	Real Google Cloud consoles — temporary accounts, no card
Badges	Skill badges you can share

Microsoft Learn for Azure: learn.microsoft.com

Feature	Details
Free	Learning paths and modules, all free
Start with	Azure Fundamentals (AZ-900) learning path
Sandboxes	Free temporary Azure sandbox in many modules
Paths	Administrator, developer, DevOps, AI, data
Practice	Free practice assessments for certifications
Docs	Full Azure documentation and Azure CLI reference

Practice: Cloud CLIs on Linux

```
# AWS CLI (official installer)
$ curl "https://awscli.amazonaws.com/awscli-exe-linux-x86_64.zip" -o awscliv2.zip
$ unzip awscliv2.zip && sudo ./aws/install && aws --version
$ aws configure                          # access key, region, output
$ aws s3 ls                              # list your buckets
# Azure CLI (Ubuntu/Debian)
$ curl -sL https://aka.ms/InstallAzureCLIDeb | sudo bash
$ az login && az account show
# Google Cloud: use Cloud Shell in the browser — nothing to install
$ gcloud config list
```

Avoid Surprise Bills

Do this	Why
Prefer free labs and sandboxes	Google Skills labs and Microsoft Learn sandboxes use temporary accounts
Set a budget alert first	AWS Budgets, Azure Cost Management, Google billing alerts
Use free-tier sizes	Small instances, small storage
Delete what you create	Stop and delete VMs, disks, IPs, load balancers
Never share access keys	Use MFA; never put keys in GitHub
Check the bill weekly	Catch mistakes early

A Free Cloud Path

Weeks	Do this
1–2	AWS Cloud Practitioner Essentials (Skill Builder)
3–4	Microsoft Learn: Azure Fundamentals with sandboxes
5	Google Skills: Introduction to Generative AI + a cloud lab
6	Install AWS and Azure CLIs; set budget alerts
7–8	Deploy a Linux VM and a small web page; then delete everything
9+	Pick one cloud and go deeper: associate-level paths
Also	MyWebUniversity Ch. 37 and 39 for cloud resources

Summary and Homework

- Cloud: IaaS, PaaS, SaaS, serverless — mostly Linux
- AWS Skill Builder: 1,000+ free resources, free microcredentials
- Google Skills: free courses, 35 monthly credits for developers
- Microsoft Learn: free Azure paths with sandboxes
- Budget alerts first; delete what you create
- Homework: start AWS Cloud Practitioner Essentials and one Azure sandbox module

Thank You! 🙏

Free videos & PDFs: www.MyWebUniversity.com

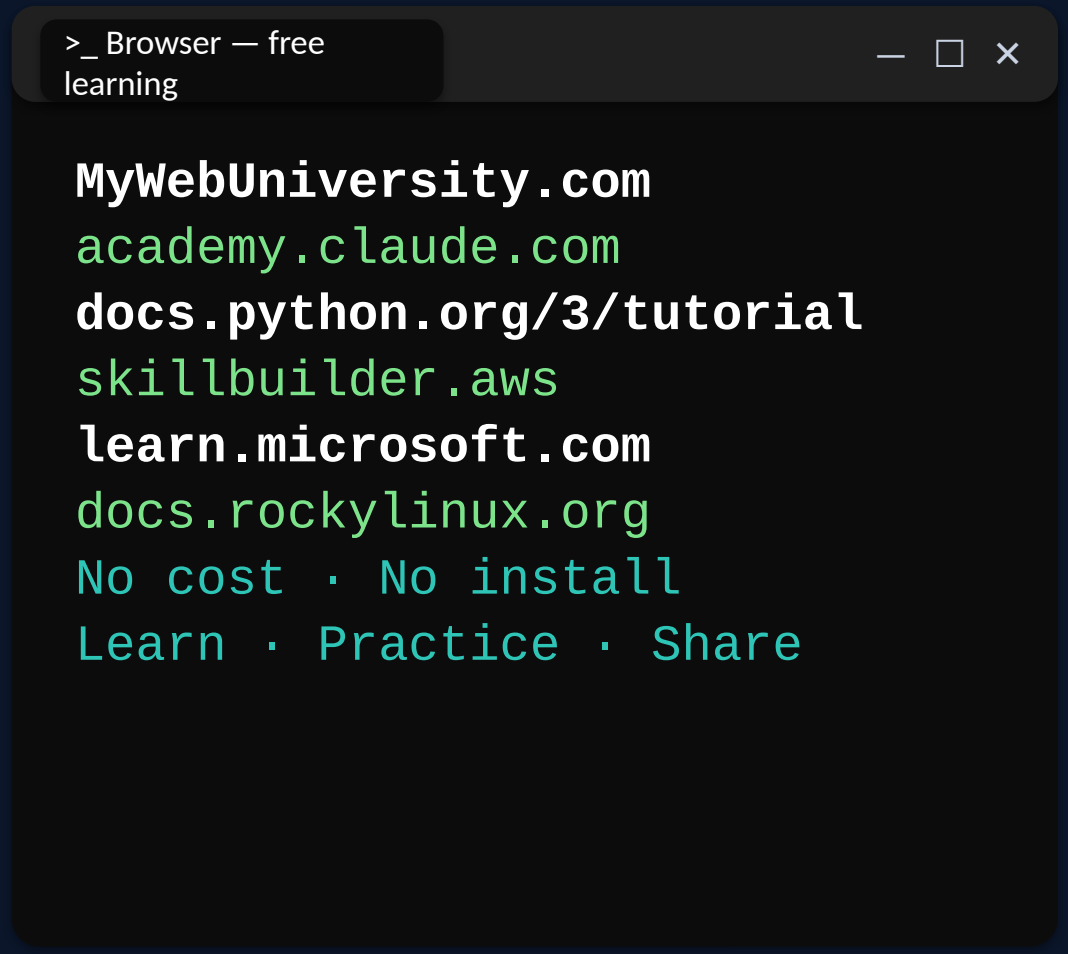
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LESSON 11 OF 12

Free Learning Websites

Linux · Python · AI · Cloud · Security · Claude

Microsoft Learn & Red Hat Free Training

Full Course · Free learning sites · checked Nov 2026

What You Will Learn in Lesson 11

- Microsoft Learn: free paths, modules, docs
- Windows, PowerShell, Microsoft 365, AI skills
- Practice PowerShell (also on Linux)
- Red Hat free courses: RH024 and RH104
- Red Hat technical overviews and skills assessment
- Red Hat Developer: no-cost RHEL subscription
- A free Microsoft + Red Hat path

Microsoft Learn: learn.microsoft.com

Area	Free learning
Windows	Windows client and Windows Server administration
PowerShell	Introduction to PowerShell, scripting, automation
Microsoft 365	Teams, Exchange, SharePoint, Intune administration
Azure & DevOps	Azure paths, GitHub, Azure DevOps (lesson 10)
AI skills	AI fundamentals, Copilot, Azure AI paths
Extras	Sandboxes, practice assessments, Q&A, docs

Practice: PowerShell on Windows and Linux

```
# Windows: PowerShell is built in.  Linux (Ubuntu) example:
$ sudo snap install powershell --classic
$ pwsh
PS> $PSVersionTable.PSVersion
PS> Get-Command -Verb Get | Select-Object -First 5
PS> Get-Help Get-Process -Examples
PS> Get-Process | Sort-Object CPU -Descending | Select-Object -First 5
PS> Get-ChildItem /etc | Where-Object Length -gt 10000
PS> exit
```

Red Hat Free Courses

Course	What you learn
RH024 — Red Hat Enterprise Linux Technical Overview	Linux basics, the shell, files, users, software, services
RH104 — Getting Started with Linux Fundamentals	Hands-on command-line fundamentals
Technical overviews	Free videos: Ansible, OpenShift, containers, AI
Skills assessment	Free test that recommends the right course
Where	redhat.com/en/services/training (free courses)
Next	Paid RHCSA courses — or study free with Rocky docs (lesson 12)

Red Hat Developer: developers.redhat.com

Benefit	Details
Cost	Free account
RHEL	No-cost Red Hat Developer Subscription for individuals
Trials	No-cost product trials (1 year for some products)
Learning	Free hands-on learning paths and interactive labs
E-books	Free cheat sheets and e-books
Use it for	Your home lab: RHEL VMs, Ansible, Podman, OpenShift

Practice: Register a RHEL Developer VM

```
# After installing RHEL from developers.redhat.com:
$ sudo subscription-manager register --username YOUR_RH_LOGIN
$ sudo subscription-manager status
$ sudo dnf update -y
$ cat /etc/redhat-release
$ sudo dnf install -y ansible-core podman
$ ansible --version && podman --version
$ podman run --rm registry.access.redhat.com/ubi9/ubi echo "Hello from UBI"
```

Also Free for Windows & Linux Admins

Resource	Use it for
Microsoft Learn Q&A	Ask technical questions
Windows Sysinternals	Free troubleshooting tools and docs
Red Hat Customer Portal docs	docs.redhat.com — RHEL documentation
Red Hat blog & Enable Sysadmin articles	How-to articles for admins
MyWebUniversity.com	Free IT and DevOps on Windows and Linux
@MyWebUniversity & @MyWebUniversity-Dari	Free RHEL, Rocky and other courses on YouTube

A Free Microsoft + Red Hat Path

Weeks	Do this
1	Red Hat skills assessment + RH104
2–3	RH024 technical overview
4	Join Red Hat Developer; install and register a RHEL VM
5–6	Microsoft Learn: Introduction to PowerShell + Windows paths
7	PowerShell on Linux; Ansible on RHEL
8	Microsoft Learn AI fundamentals + Red Hat AI overview
Ongoing	Run Windows and RHEL VMs side by side in your lab

Summary and Homework

- Microsoft Learn: free Windows, PowerShell, M365, Azure, AI paths
- PowerShell runs on Windows and Linux
- Red Hat free courses: RH024 and RH104 + technical overviews
- Red Hat Developer: no-cost RHEL subscription for individuals
- Docs: learn.microsoft.com and docs.redhat.com
- Homework: take the Red Hat skills assessment and install PowerShell

Thank You! 🙏

Free videos & PDFs: www.MyWebUniversity.com

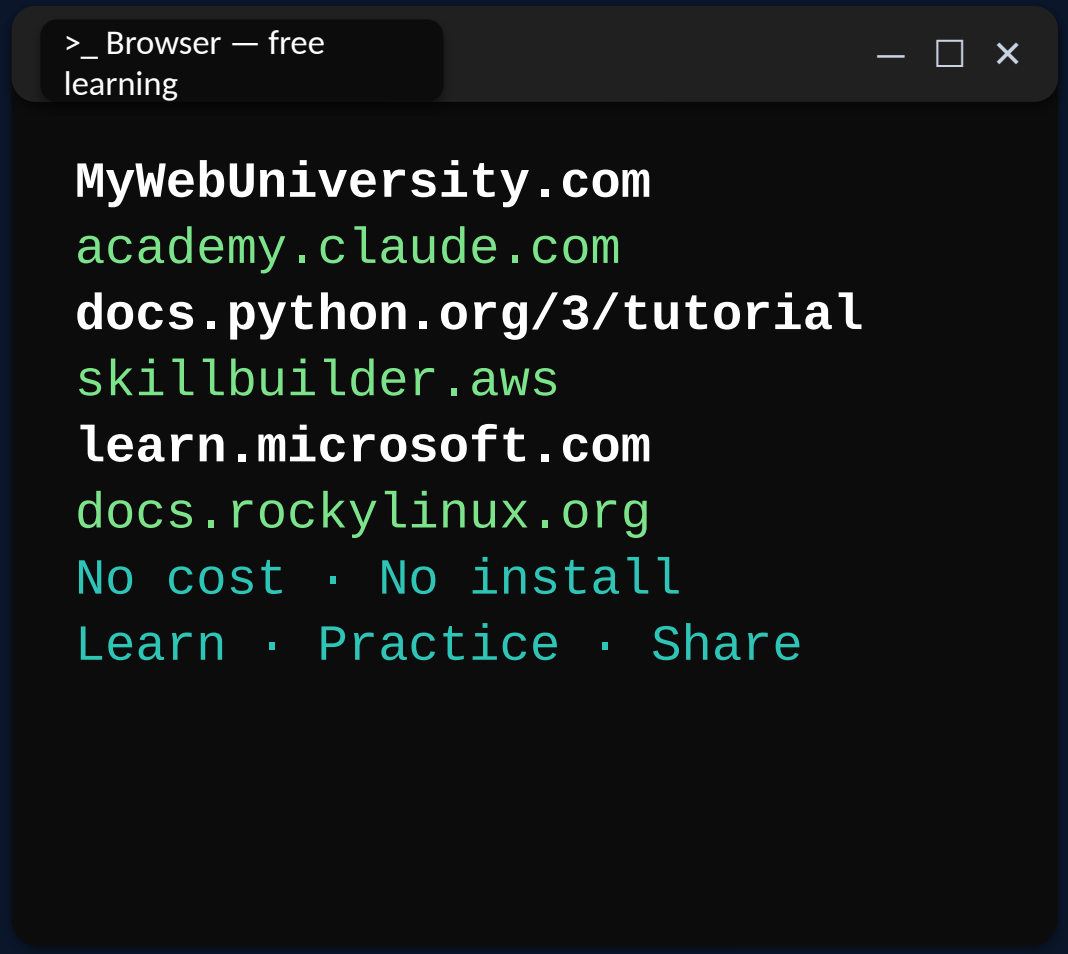
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LESSON 12 OF 12

Free Learning Websites

Linux · Python · AI · Cloud · Security · Claude

Rocky Linux & Ubuntu Docs, and Your Free Learning Plan

Full Course · Free learning sites · checked Nov 2026

What You Will Learn in Lesson 12

- Rocky Linux docs: Guides, Books, Labs
- Free downloadable Rocky books (CC BY-SA)
- Ubuntu tutorials and Ubuntu Server docs
- Canonical Academy self-study resources
- Course review: every free site in one table
- Build your personal free learning plan
- Thank you and next steps

Rocky Linux Docs: docs.rockylinux.org

Section	What you get
Guides	How-tos: installation, security, web servers, containers, networking
Books	Full free books — Admin Guide, Learning Bash, Learning Ansible, and more
Labs	Hands-on lab exercises to practice on your own VMs
Download	Books as PDF files for offline study
License	CC BY-SA — free to read, share, and adapt with credit
Community	Written by the community; you can contribute too

Ubuntu: ubuntu.com and Canonical

Site	Use it for
ubuntu.com/tutorials	Step-by-step tutorials: install, desktop, server, cloud, IoT
ubuntu.com/server/docs	Ubuntu Server documentation — networking, storage, services
help.ubuntu.com	Community help wiki and official guides
Canonical Academy self-study	canonical.com/academy/self-study — curated free resources
CLI cheat sheet	Free Ubuntu command-line cheat sheet
Also	Launchpad, Ask Ubuntu, Ubuntu Discourse

Practice: Use the Docs on Your Linux System

```
# Rocky / RHEL
$ cat /etc/rocky-release
$ sudo dnf install -y man-pages bash-completion
$ man dnf                          # local docs: press / to search, q to quit
# Ubuntu / Debian
$ lsb_release -a
$ apt show openssh-server          # package details
$ ls /usr/share/doc | head         # docs installed with packages
# Both
$ command --help | less ; info coreutils
```

Course Review: Free Learning Websites

Lesson	Free sites
1–2	MyWebUniversity.com, toc1.html, LinuxOnBrowser.com, @MyWebUniversity, @MyWebUniversity-Dari
3	Claude Academy, docs.claude.com, support.claude.com, Claude Console, Claude app
4–5	python.org docs and tutorial, DevOps: Git, Docker, Kubernetes, roadmap.sh, Killercoda
6–7	AI learning sites; operating systems: OSTEP, Linux Foundation LFS101
8–9	SQLBolt, PostgreSQL, MongoDB University; Cisco NetAcad, Professor Messer, TryHackMe, OverTheWire
10–12	AWS Skill Builder, Google Skills, Microsoft Learn, Red Hat, Rocky and Ubuntu docs

Your Free Learning Plan

Step	Do this
1	Pick a goal: sysadmin, DevOps, cloud, security, data, or AI
2	Linux first: The Direct Path to Linux Ubuntu + LinuxOnBrowser.com
3	One main course at a time (6–12 weeks)
4	Practice daily: your own VM, browser labs, sandboxes
5	Build a project; share it on GitHub
6	Earn free badges; take a certification when ready
7	Teach someone else — the best way to learn

Study Tips for Free Online Learning

Tip	Why it works
Same time every day	A habit beats motivation
Type every command yourself	Hands remember what eyes forget
Take notes in your own words	You understand what you can explain
Use official docs first	Accurate and up to date
Check dates and versions	Old tutorials can be wrong for new releases
Join a community	Ask questions; help others

Summary and Final Homework

- Rocky docs: Guides, free PDF Books, Labs (CC BY-SA)
- Ubuntu: tutorials, Server docs, help.ubuntu.com, Canonical Academy self-study
- Built-in docs: man, --help, info, /usr/share/doc
- Plan: goal → Linux first → one course at a time → daily practice → project
- Free sites for OS, DevOps, AI, databases, networking, security, cloud
- Final homework: write your 12-week plan and start today

Thank You! 🙏

Free videos & PDFs: www.MyWebUniversity.com

Slides for this lesson: MyWebUniversity.com/presentations

YouTube: @MyWebUniversity · @MyWebUniversity-Dari

Wahidullah Lutfy — Founder and Director of IT of MyWebUniversity, and CS teacher

Book: The Direct Path to Linux Ubuntu (Amazon · Barnes & Noble)

Learn it, then pass it on.