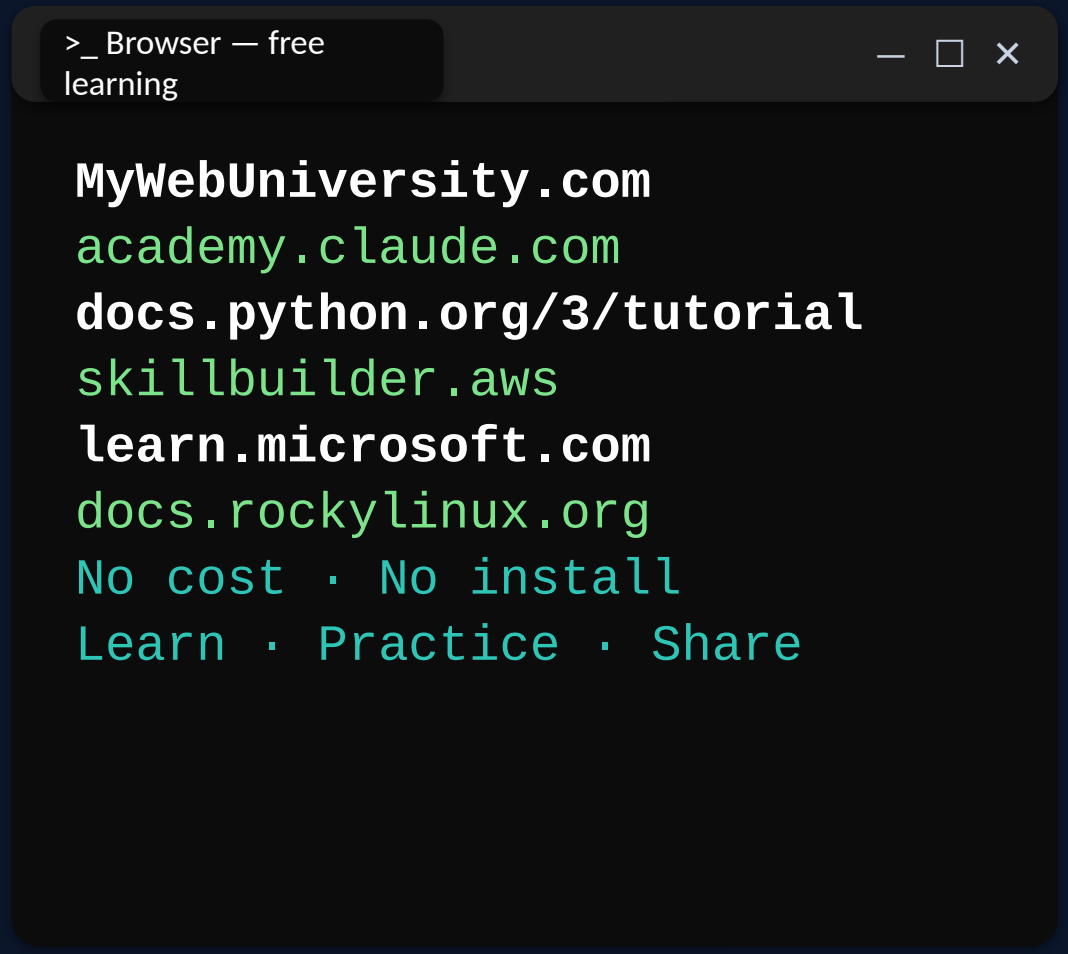


LESSON 4 OF 12

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

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.