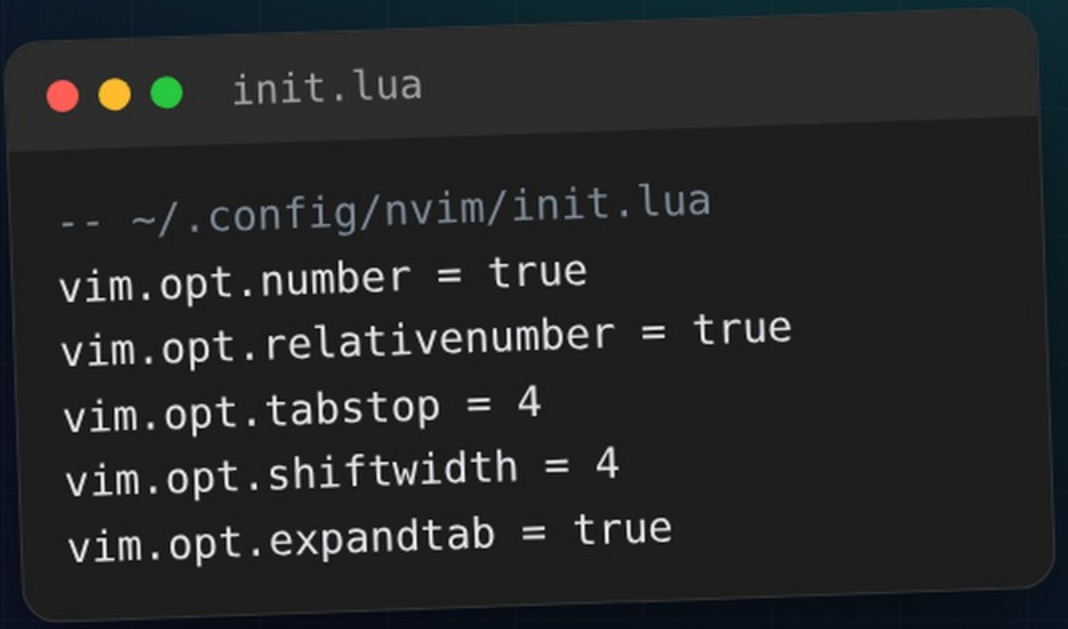
LINUX EDITORS · 4/6

# nvim & gvim

## Modern + Graphical Vim



LESSON 4

# Neovim (nvim) & gVim: Modern and Graphical Vim

`nvim · gvim`

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PART 1 OF 5

# What Is Neovim?

1. Same keys and modes as vim
2. Command: nvim
3. Config in Lua: init.lua

```
student@ubuntu: ~

$ sudo apt install neovim
$ nvim app.py
$ nvim ~/.config/nvim/init.lua
```

PART 2 OF 5

# Why Developers Choose Neovim

1. Built-in LSP: smart code help
2. Tree-sitter: smarter syntax colors
3. Huge plugin ecosystem

vim

```
:checkhealth          check your setup
:lua print('hi')     run Lua inside nvim
:Lazy                 plugin manager UI
                      (if you install lazy.nvim)
```

PART 3 OF 5

# A First init.lua

1. vim.opt.number = true
2. tabstop & shiftwidth = 4
3. Save, then restart nvim

init.lua

```
-- ~/.config/nvim/init.lua
vim.opt.number = true
vim.opt.relativenumber = true
vim.opt.tabstop = 4
vim.opt.shiftwidth = 4
vim.opt.expandtab = true
```

PART 4 OF 5

# gVim: Vim in a Window

1. Menus, mouse and toolbar
2. Ubuntu: sudo apt install vim-gtk3
3. Same commands, same .vimrc

```
student@ubuntu: ~

$ sudo apt install vim-gtk3
$ gvim notes.txt
$ vim --version | grep -o '+clipboard'
+clipboard
```

PART 5 OF 5

# Which One Should You Use?

1. Servers: vi or vim, always there
2. Coding all day: try Neovim
3. Like menus & a mouse: gVim

```
student@ubuntu: ~

server$   vim /etc/hosts
laptop$   nvim main.go
desktop$  gvim report.txt
```

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