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Quick Start Guide: Running Linux on Windows with Command Line

You don't need a separate computer to try Linux. Windows now includes a feature called Windows Subsystem for Linux (WSL) that lets you run Linux side-by-side with your normal programs. Follow these steps:

1. Turn on WSL

1. Click the Start Menu, type PowerShell.
2. Right-click Windows PowerShell → choose Run as administrator.
3. In the blue window, type:

```
wsl --install
```

This tells Windows to install WSL and a popular version of Linux called Ubuntu.

4. Restart your computer when asked.

2. Finish Linux Setup

1. After restart, a black window labeled Ubuntu will pop up.
2. It will ask you to create:
 - A username (this is your Linux account).
 - A password (note: nothing shows while typing, but it's working).
3. When finished, you'll see a prompt like:

```
username@computer:~$
```

This is your Linux command line.

3. Try Your First Commands

Here are a few basics:

See files in your folder:

```
ls
```

Move into a folder:

```
cd foldername
```

Update Linux software:

```
sudo apt update && sudo apt upgrade
```

To reopen Linux later: click Start Menu → search for Ubuntu.

4. Bonus Tips

To see what Linux versions you can install:

```
wsl --list --online
```

To install a different one (for example, Debian):

```
wsl --install -d Debian
```

To edit text files, use a simple editor like:

```
nano myfile.txt
```

■ You're done! You now have a working Linux terminal on Windows.

■ Learn more with tutorials on our YouTube channel: [Coding4Docs](#)

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