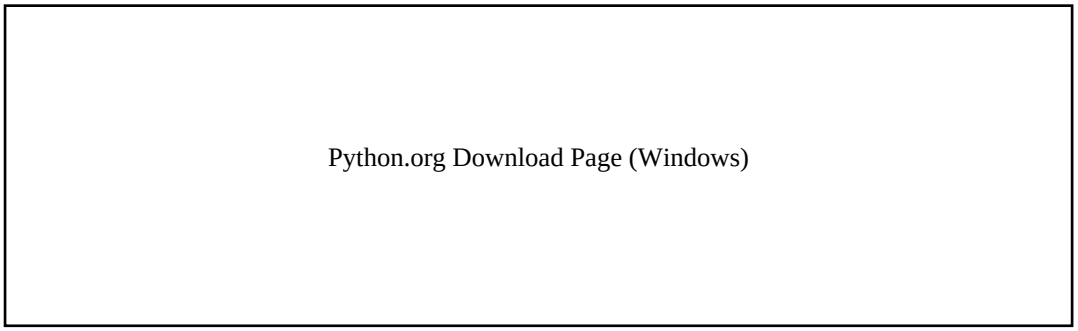
Python Installation & Configuration Guide for Beginners

This guide explains how to install and configure Python on **Windows** and **macOS** step by step. It is written especially for beginners with simple language and visual guidance.

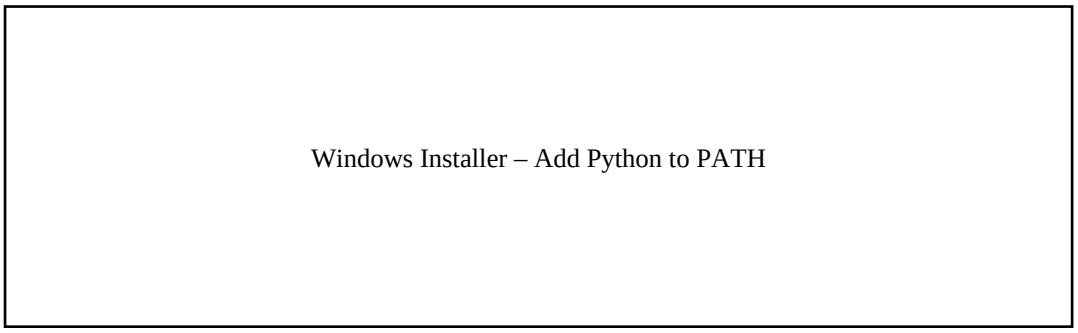
Part 1: Installing Python on Windows

Step 1: Download Python
1. Open any web browser (Chrome, Edge, Firefox, etc.).
2. Go to **www.python.org**.
3. Click on the **Downloads** menu.
4. Download the latest Python version (3.x.x – 64 bit).



Python.org Download Page (Windows)

Step 2: Run the Installer
1. Open the downloaded **.exe** file.
2. **Important:** Check the box that says **"Add Python to PATH"**.
3. Click **Install Now**.



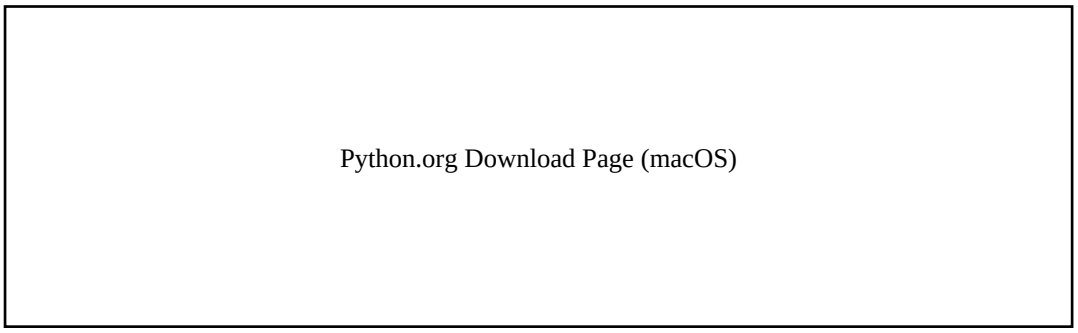
Windows Installer – Add Python to PATH

Step 3: Verify Installation
1. After installation, close the installer window.
2. Open **Command Prompt** (search for cmd).
3. Type the command:
python --version
4. If Python is installed correctly, you will see the version number.

Command Prompt – python --version

Part 2: Installing Python on macOS

Step 1: Download Python
1. Open Safari or any browser.
2. Go to **www.python.org**.
3. Click **Downloads** → macOS.
4. Download the latest Python 3 **.pkg** installer.

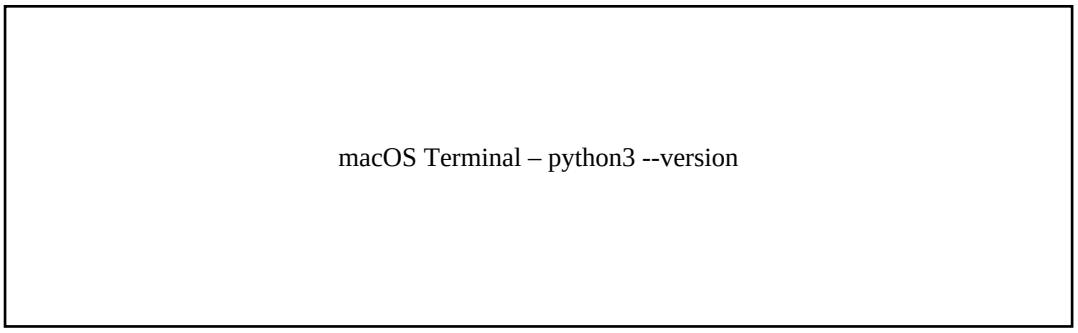


Python.org Download Page (macOS)

Step 2: Install Python
1. Open the downloaded **.pkg** file.
2. Follow the installation wizard.
3. Click **Continue** and then **Install**.

macOS Python Installer Wizard

Step 3: Verify Installation
1. Open **Terminal** (Applications → Utilities → Terminal).
2. Type the command:
python3 --version
3. The Python version will be displayed if installation was successful.



macOS Terminal – python3 --version

Congratulations!
You have successfully installed Python on your system. You can now start learning Python programming.