



PYTHON FOR COMPUTATIONAL PROBLEM SOLVING

Python Installation + Code Execution

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Requirements and Installation



Requirements:

- Operating Systems Supported
Windows, macOS and Linux
- Minimum Hardware Requirements
RAM, Storage, etc.

Installation:

Visit the Python Official Website and
download the installer: www.python.org

Windows: Run the installer and double click the downloaded Python installer file. Tick the checkbox. Click install now. Wait for installation to finish.

Linux: Command for Debian/Ubuntu: `sudo apt-get install python3`
Command for Red Hat/CentOS: `sudo yum install python3`

Mac: Double-click the .pkg file to start the installation. Click “Continue” and follow the prompts.

Note: Command for verifying installation is `python --version`

Expect output: `>>>`

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Different ways of Python code execution



- **Offline:**

- Using Command Prompt/Terminal

- Interpreter mode

- Batch mode/script mode/File mode

- Using IDLE - Integrated Development and Learning Environment

- Using Jupyter

- Using VS Code

- **Online:**

- Google Colaboratory



THANK YOU

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