

# Setting Up Python to Run a Script (Windows & Mac)

If you need any additional help please join the discord server:

<https://discord.gg/kSbZm2CE>

This guide will take you from having nothing installed to successfully running a Python script on both Windows and Mac. Follow the steps carefully.

## Step 1: Install Python

### Windows

Go to the official Python website: <https://www.python.org/downloads/release/python-31011/>

Click Download recommended windows installer.

Run the downloaded file and check the box that says 'Add Python to PATH'.

Click Install Now and wait for the installation to complete.

Open Command Prompt (Win + R, type cmd, press Enter).

Verify installation by running:

```
python --version
```

You should see `Python 3.10.x`.

### Mac

Open Terminal (Cmd + Space, type Terminal, press Enter).

Check if Python 3 is installed by running:

```
python3 --version
```

If it shows `Python 3.10.x`, skip to Step 2. If not, install it via Homebrew:

```
/bin/bash -c "$(curl -fsSL https://raw.githubusercontent.com/Homebrew/install/HEAD/install.sh)"  
brew install python@3.10
```

Verify installation:

```
python3 --version
```

## Step 2: Set Up a Virtual Environment

### Windows

Open Command Prompt (Win + R, type cmd, press Enter).

Navigate to your script's folder (replace `path\to\script` with your actual path):

```
cd path\to\script
```

Create a virtual environment:

```
python -m venv venv
```

Activate the virtual environment:

```
venv\Scripts\activate
```

You should see `(venv)` appear in the command line.

### Mac

Open Terminal.

Navigate to your script's folder:

```
cd /path/to/script
```

Create a virtual environment:

```
python3 -m venv venv
```

Activate the virtual environment:

```
source venv/bin/activate
```

You should see `(venv)` appear in the terminal.

## Step 3: Install Dependencies

If your script requires external packages, install them:

```
pip install -r requirements.txt
```

If you don't have a `requirements.txt`, ask the script provider for one or install required packages manually using `pip install package-name`.

## Step 4: Run the Python Script

Run your script with:

```
python script.py
```

## Step 5: Exit the Virtual Environment

When you are done, deactivate the virtual environment:

```
deactivate
```

Now you're all set! 🎉