Installation Party

Install all that is needed.

1. Install Python 3
2. Install Pycharm or VSCode
3. Get the code from github

Installation Party

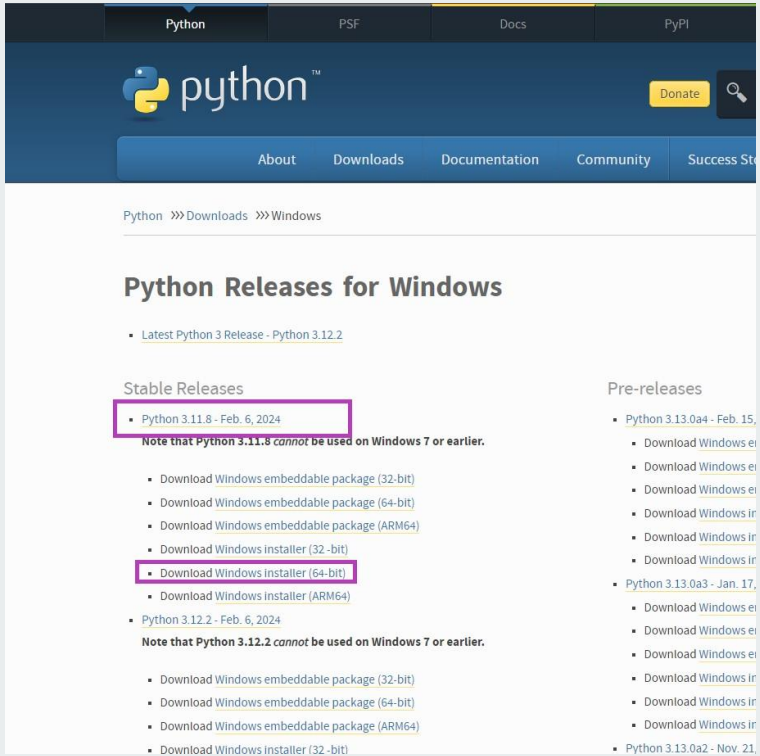
1. Install Python 3.11
    a. Windows
    b. MacOS
    c. Linux
2. Install IDE (PyCharm or VsCode)
3. Get the code from Github

Windows

Install Python 3.11 for Windows

Download Python 3.11

1. Go to https://www.python.org/downloads/windows/
2. Download **Windows installer (64-bit)***



* ***64-bit vs 32-bit:*** *For most people, 64-bit Windows is today's standard and you should use it to take advantage of security features, better performance, and increased RAM capability. The only rare reasons you'd want to stick with 32-bit Windows are: Your computer has a 32-bit processor.*

* **Source**: https://phoenixnap.com/kb/how-to-install-python-3-windows

Install Python 3.11 for Windows

Install Python 3.11

1. Run the downloaded **Python Installer**
2. Check both:
   - ☑️ Use admin privileges when installing py.exe
   - ☑️ Add python.exe to PATH
3. Click on **Install Now**
4. Wait till installation finishes & click **Close**

* **Source**: https://phoenixnap.com/kb/how-to-install-python-3-windows

Install Python 3.11 for Windows

Verify if Python3 & pip3 were installed

1. Run *python --version* in terminal

```
C:\Users\lucyg>python --version
Python 3.11.8
```

2. Run *pip --version* in terminal

```
C:\Users\lucyg>pip --version
pip 24.0 from C:\Users\lucyg\AppData\Local\Programs\Python\Python311\Lib\site-packages\pip (python 3.11)
```

- In both cases, the installed Python version shows on the screen, and the editor is ready for use
- If you see message "`... is not recognized as an internal or external command ...`", follow the next section **Add Python to PATH**

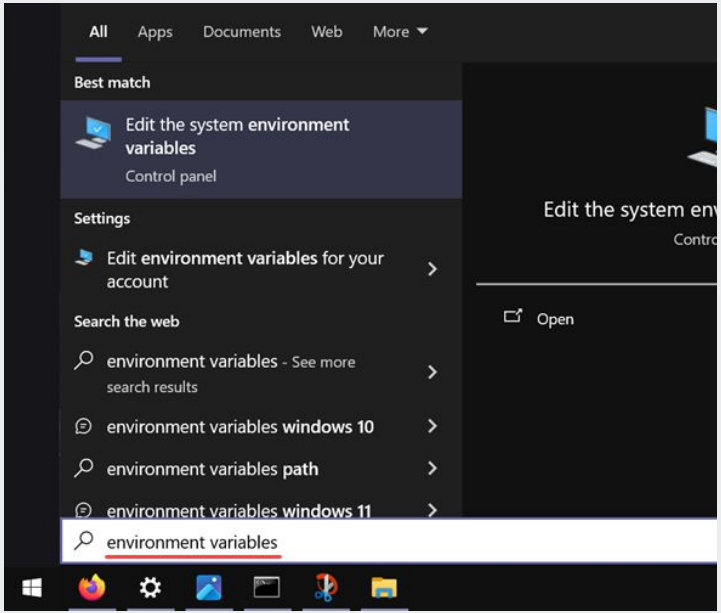
* **Pip** is a package-management system written in Python and is used to install and manage software packages.

* **Source**: https://phoenixnap.com/kb/how-to-install-python-3-windows

Install Python 3.11 for Windows

Add Python to PATH

1. In the **Start** menu, search for **Environment Variables** and press **Enter**
2. Click **Environment Variables** to open the overview screen

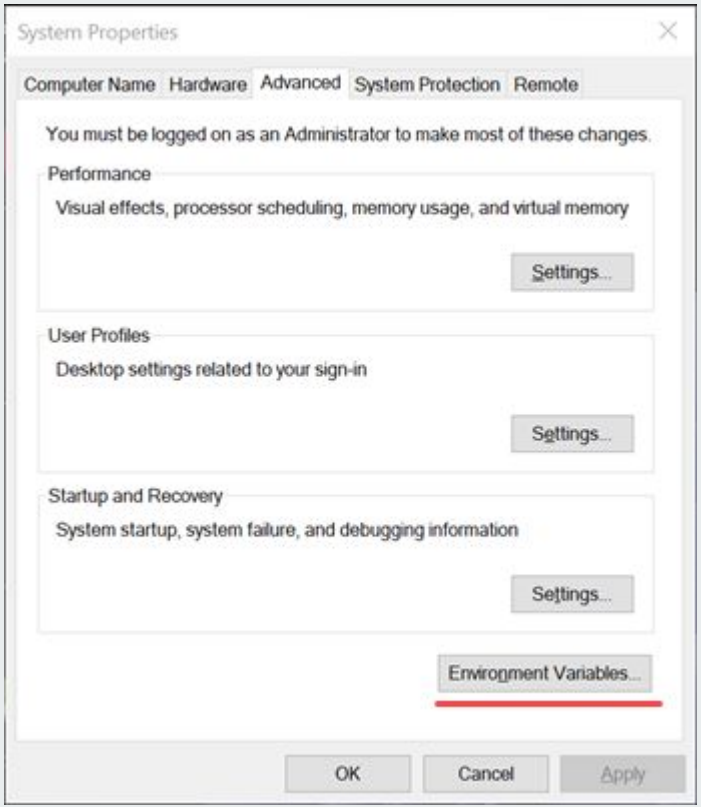


* **Source**: https://phoenixnap.com/kb/how-to-install-python-3-windows

Install Python 3.11 for Windows

Add Python to PATH

1. Click **Environment Variables** to open the overview screen

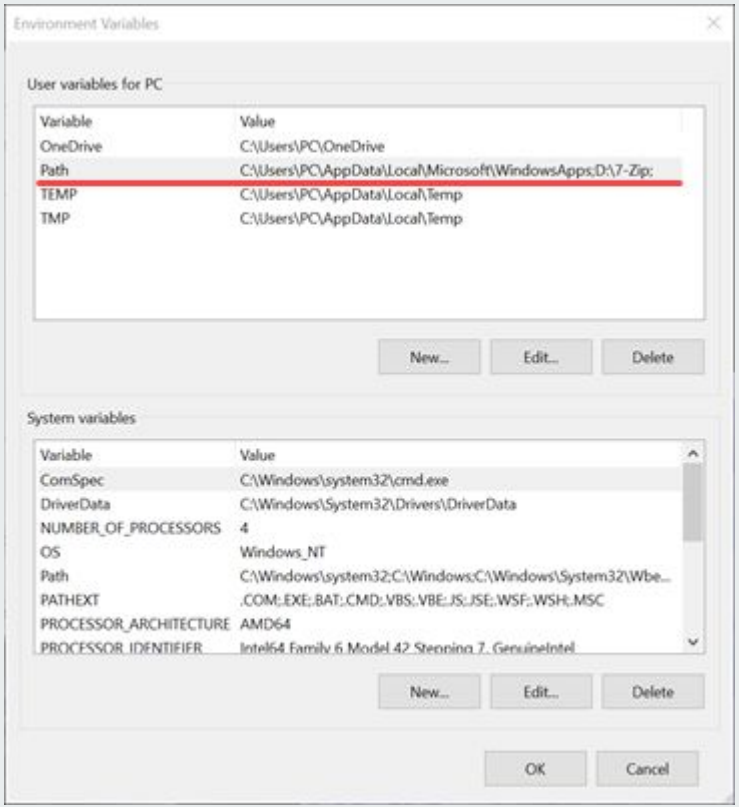


* **Source:** https://phoenixnap.com/kb/how-to-install-python-3-windows

Install Python 3.11 for Windows

Add Python to PATH

1. Double-click **Path** on the list to edit it.

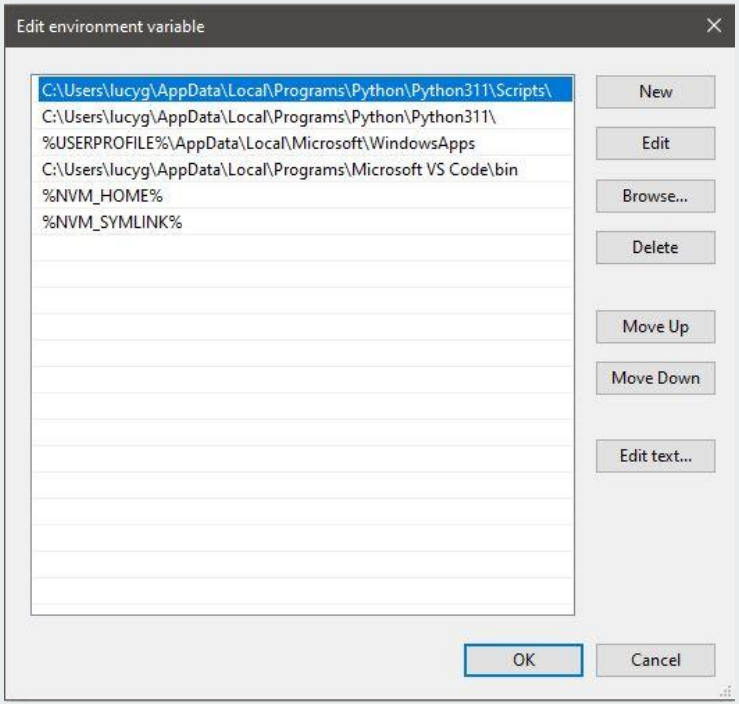


* **Source**: https://phoenixnap.com/kb/how-to-install-python-3-windows

Install Python 3.11 for Windows

Add Python to PATH

1. If you do not see any path to Python in the list, double-click the first empty field and paste the Python installation folder path (*to find the installation folder run* ***where python*** *in terminal*)
2. Click **OK** to save the changes. If the command prompt is open, restart it for the following step



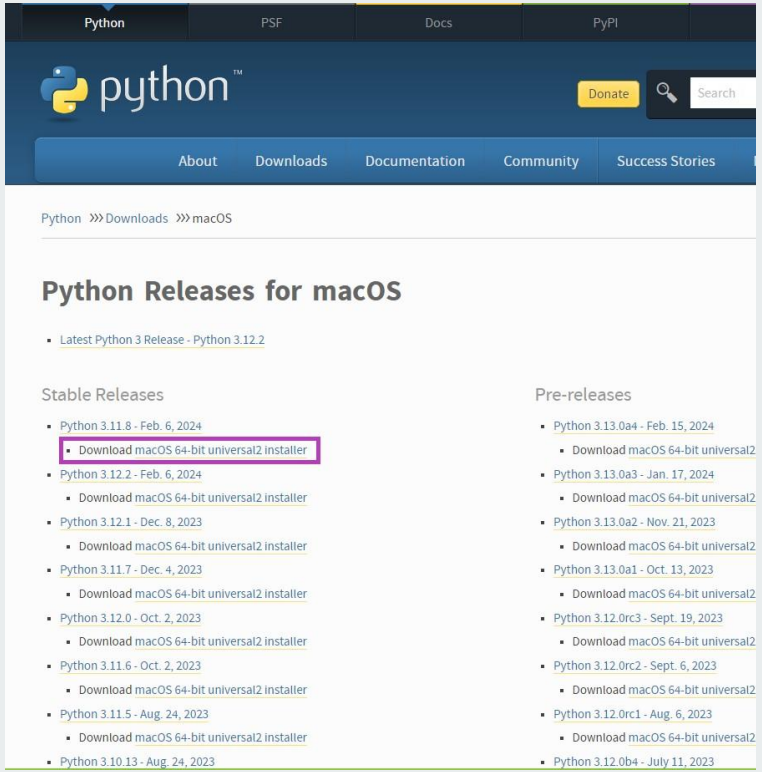
* **Source**: https://phoenixnap.com/kb/how-to-install-python-3-windows

MacOS

Install Python 3.11 for MacOS

Download Python 3.11

1. Go to https://www.python.org/downloads/macos/
2. Download **macOS 64-bit universal2 installer**



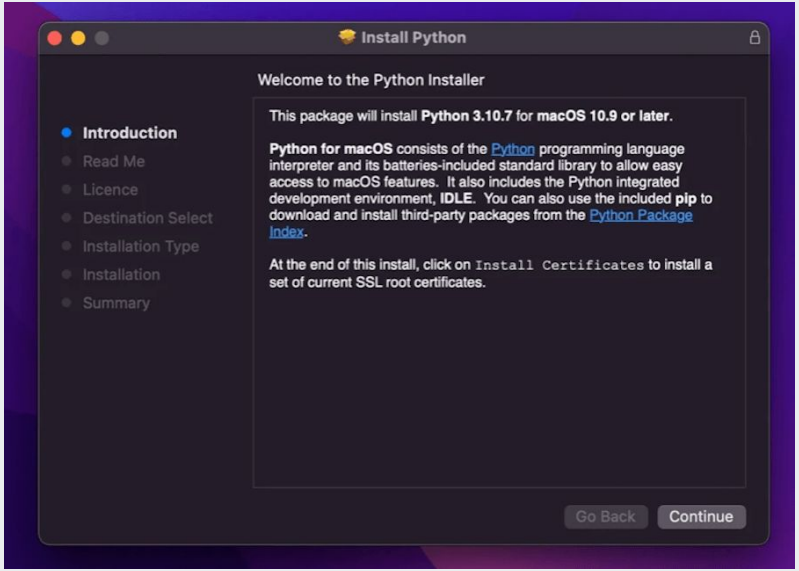
** MacOS comes with a pre-installed version of Python, it's usually an older version (Python 2.x) that's no longer supported.*

* **Source**:https://kinsta.com/knowledgebase/install-python/#mac

Install Python 3.11 for MacOS

Install Python 3.11

1. Run the downloaded **Python Installer**
2. Proceed through the installation steps
3. Click on **Install**
4. Wait till installation finishes & click **Close**



* **Source**:https://kinsta.com/knowledgebase/install-python/#mac

Install Python 3.11 for MacOS

Verify if Python3 & pip3 were installed

1. Run *python3 --version* in terminal

```
C:\Users\lucyg>python --version
Python 3.11.8
```

2. Run *pip3 --version* in terminal

```
C:\Users\lucyg>pip --version
pip 24.0 from C:\Users\lucyg\AppData\Local\Programs\Python\Python311\Lib\site-packages\pip (python 3.11)
```

- In both cases, the installed Python version shows on the screen, and the editor is ready for use
- If you see message "`... is not recognized as an internal or external command ...`", follow the next section **Add Python to PATH**

* **Pip** is a package-management system written in Python and is used to install and manage software packages.

* **Source**: https://kinsta.com/knowledgebase/install-python/#mac

Install Python 3.11 for MacOS

Add Python to PATH

1. Usually the Python3 is installed in this path **usr/bin/python3**
2. In terminal, navigate to your home folder by running *cd ~*
3. To add the Python to path run *echo export PATH="usr/bin/python3:$PATH" >> ~/.profile*
4. Restart you terminal and run *python --version*

```
C:\Users\lucyg>python --version
Python 3.11.8
```

5. Run *pip3 --version* in terminal

```
C:\Users\lucyg>pip --version
pip 24.0 from C:\Users\lucyg\AppData\Local\Programs\Python\Python311\Lib\site-packages\pip (python 3.11)
```

- In both cases, the installed Python version shows on the screen, and the editor is ready for use

* **Source**: https://realpython.com/add-python-to-path/#how-to-add-python-to-path-on-linux-and-macos

Linux

Install Python 3.11 for Linux

Install Python 3.11 via package manager

1. Open terminal
2. **Fedora:** Run *sudo dnf install python3*
3. **Ubuntu/Debian:** Run *sudo apt-get install python3*

* **Source**: https://kinsta.com/knowledgebase/install-python/#linux

Install Python 3.11 for Linux

Verify if Python3 & pip3 were installed

1. Run *python3 --version* in terminal

```
C:\Users\lucyg>python --version
Python 3.11.8
```

2. Run *pip3 --version* in terminal

```
C:\Users\lucyg>pip --version
pip 24.0 from C:\Users\lucyg\AppData\Local\Programs\Python\Python311\Lib\site-packages\pip (python 3.11)
```

- In both cases, the installed Python version shows on the screen, and the editor is ready for use
- If you see message "`... is not recognized as an internal or external command ...`", follow the next section **Add Python to PATH**

* **Pip** is a package-management system written in Python and is used to install and manage software packages.

* **Source**: https://kinsta.com/knowledgebase/install-python/#linux

Install Python 3.11 for Linux

Add Python to PATH

1. Usually the Python3 is installed in this path **usr/bin/python3**
2. In terminal, navigate to your home folder by running *cd ~*
3. To add the Python to path run *echo export PATH="usr/bin/python3:$PATH" >> ~/.profile*
4. Restart you terminal and run *python --version*

```
C:\Users\lucyg>python --version
Python 3.11.8
```

5. Run *pip3 --version* in terminal

```
C:\Users\lucyg>pip --version
pip 24.0 from C:\Users\lucyg\AppData\Local\Programs\Python\Python311\Lib\site-packages\pip (python 3.11)
```

- In both cases, the installed Python version shows on the screen, and the editor is ready for use

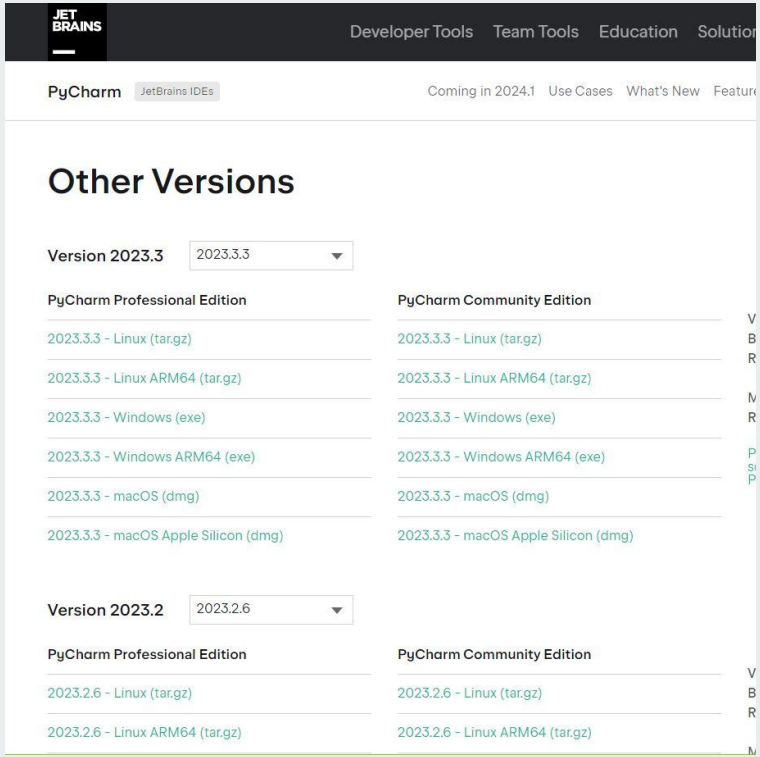
* **Source**: https://realpython.com/add-python-to-path/#how-to-add-python-to-path-on-linux-and-macos

Tkinter

1. Make sure tkinter is available
    a. `python`
    b. `Import tkinter`
2. If there is an import error:
    a. Macos https://www.pythonguis.com/installation/install-tkinter-mac/
    b. Linux https://www.pythonguis.com/installation/install-tkinter-linux/

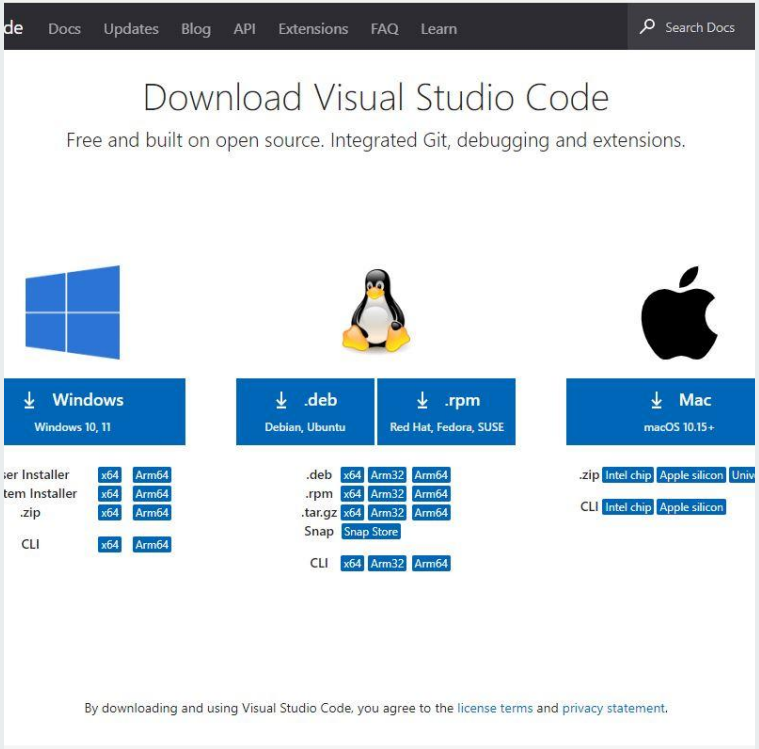
Install IDE (PyCharm or VsCode)

1. **PyCharm** Community Edition [Downloads]



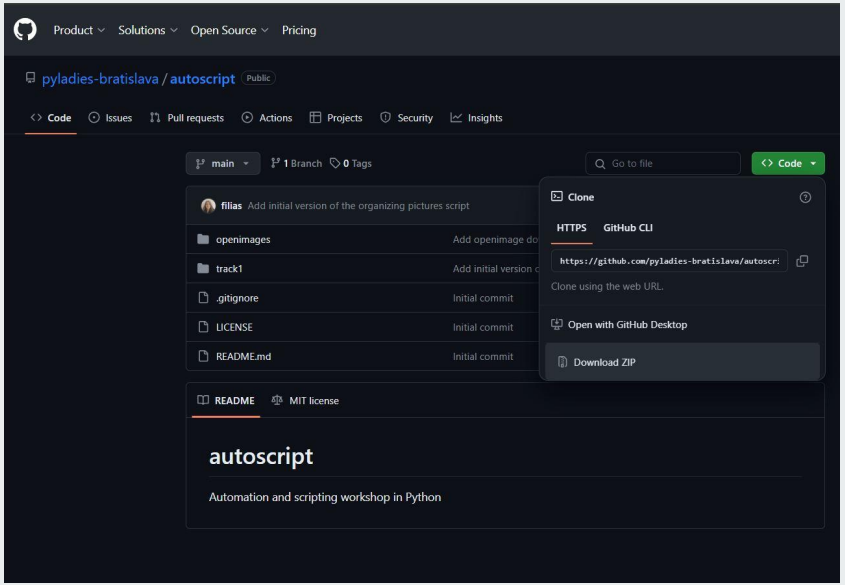
Install IDE (PyCharm or VsCode)

1. **VsCode** [Downloads]



Get the code from Github

1. Go to the workshop's Github repo: https://github.com/pyladies-bratislava/autoscript
2. Click on the green "**<> Code**" button
    a. Download ZIP



(Optional) Create/Use a Github account

1. Follow the **Configuring your Github account**
    a. Create an account
    b. Choose you Github product (**Github Free**)
    c. Verify an email address
2. Clone the workshop Github repo:
    a. How to clone a repo
    b. Workshop repo:
    https://github.com/pyladies-bratislava/autoscript

* **Image Source**: https://octodex.github.com/