

Download and install the following requirements:

1.) python.org



*Note: During installation of Python3.9.7. Don't forget to check the **environment variable** option otherwise you will manually do it.*

Python sub-packages required:

➔ python install virtual environment

```
command: pip install virtualenv
```

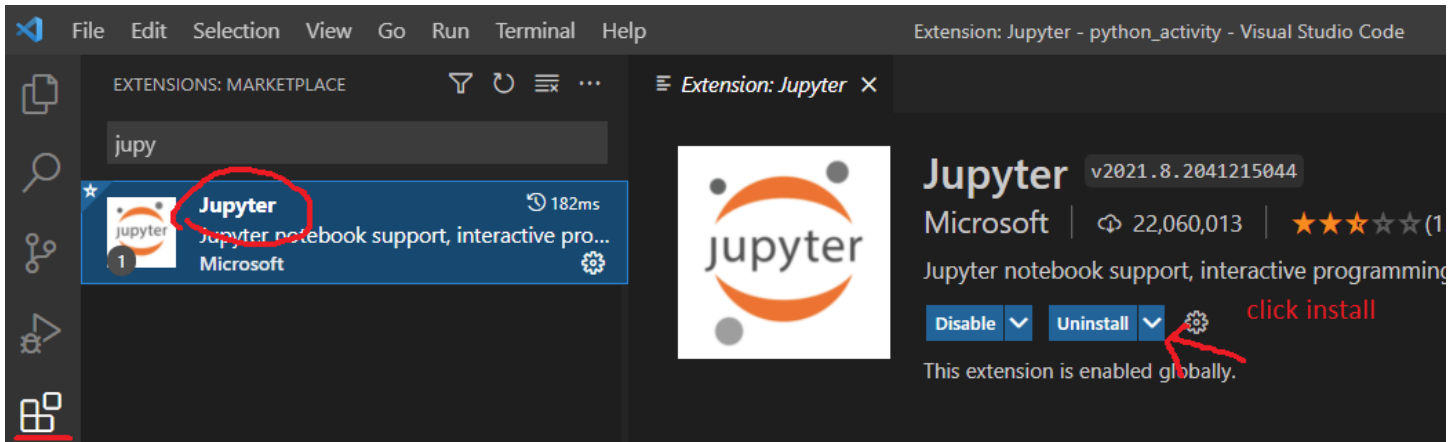
➔ pip upgrade

```
command: python -m pip install --upgrade pip
```

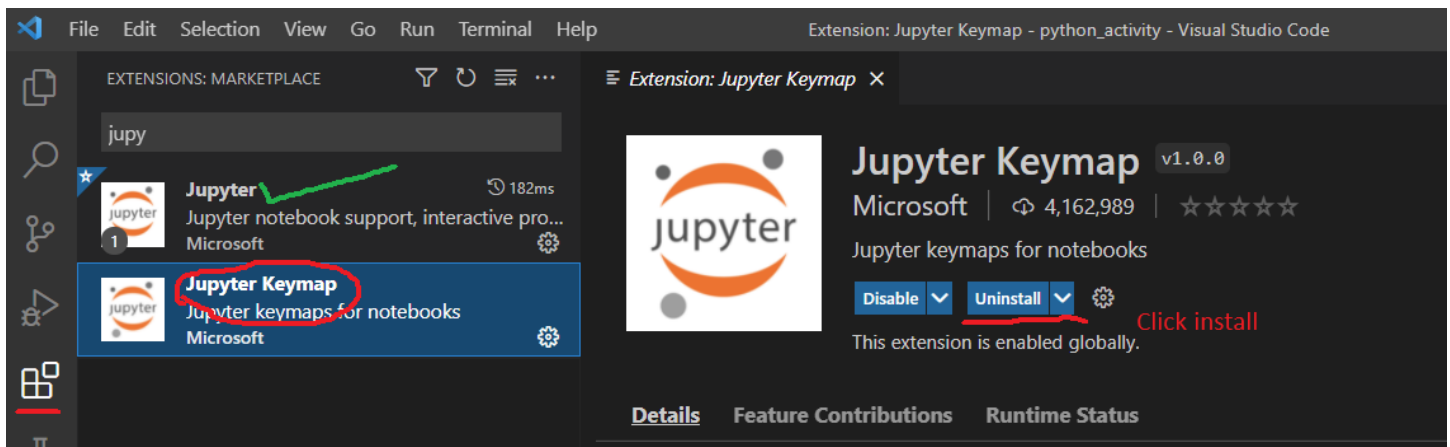
Visual Studio Editor Extensions

Install the following extensions:

1.) Jupyter



2.) Jupyter_Keymap



Create Virtual Environment

Create a folder

→ Python_activity

Create a virtual Environment

```
command: python -m venv v
```

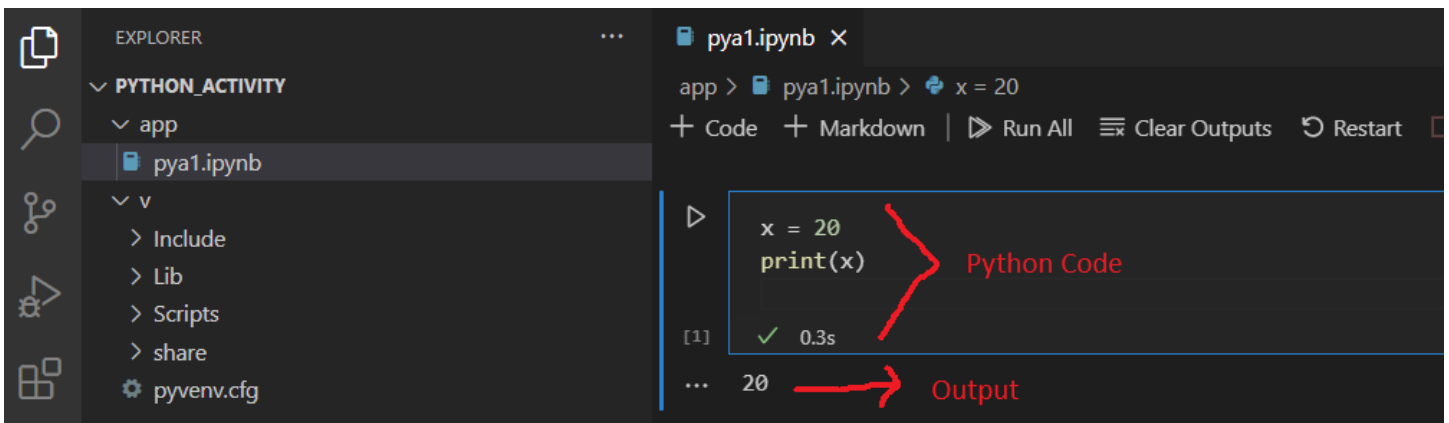
Activate the virtual enviroment (windows OS) and install **ipykernel**

```
command: ./Scripts/activate.bat
```

```
command: pip install ipykernel
```

→ Inside the virtual environment, create a folder called app.

→ Open visual studio editor then go to file and select open folder then select **python_activity** folder.



→ Under the app folder. Create new file and save as to **.ipynb** extension

REFERENCES

<https://code.visualstudio.com/>

<https://www.python.org/>

<https://docs.python.org/3/library/venv.html>