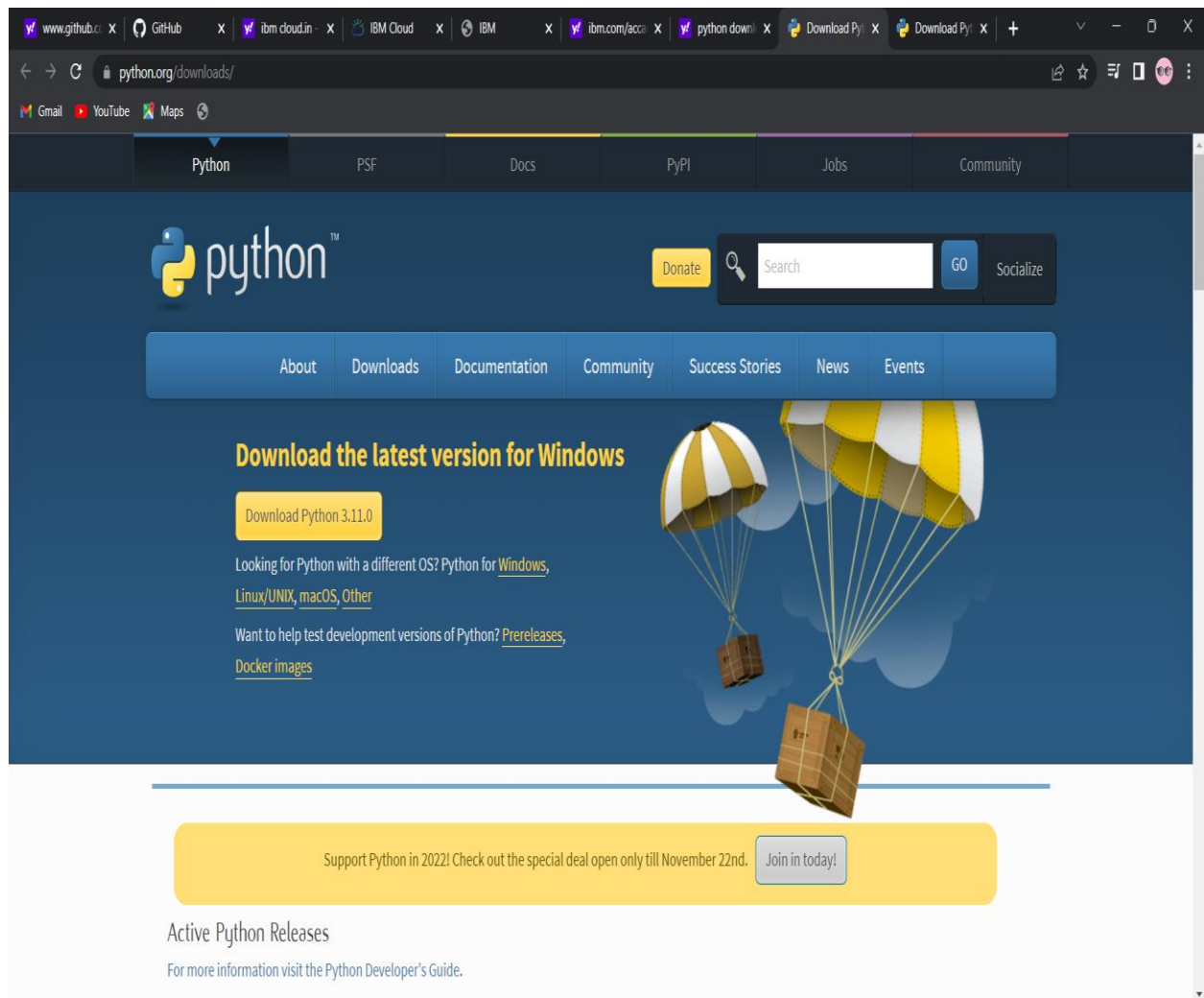


# SETTING UP APPLICATION ENVIRONMENT

## CREATE FLASK PROJECT

### STEP 1:

### INSTALL PYTHON



## STEP 2:

### VERIFY INTSALLATION

To check the python , Idle, pip versions are installed in the device.

## STEP 3:

### CHECK ON IDLE FLASK IS INSTALLED OR NOT

A screenshot of the IDLE Shell 3.10.4 window. The window has a menu bar with 'File', 'Edit', 'Shell', 'Debug', 'Options', 'Window', and 'Help'. The main text area shows the following text:

```
Python 3.10.4 (tags/v3.10.4:9d38120, Mar 23 2022, 23:13:41) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>> import flask
Traceback (most recent call last):
  File "<pyshell#0>", line 1, in <module>
    import flask
ModuleNotFoundError: No module named 'flask'
>>>
```

## STEP 4:

## INSTALL FLASK

```
Command Prompt
Microsoft Windows [Version 10.0.22000.1098]
(c) Microsoft Corporation. All rights reserved.

C:\Users\SUMANTH>python --version
'python --version' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\SUMANTH>python --version
Python 3.10.2

C:\Users\SUMANTH>pip --version
pip 22.1 from C:\Users\SUMANTH\AppData\Local\Programs\Python\Python310\lib\site-packages\pip (python 3.10)

C:\Users\SUMANTH>python -m pip --version
pip 22.1 from C:\Users\SUMANTH\AppData\Local\Programs\Python\Python310\lib\site-packages\pip (python 3.10)

C:\Users\SUMANTH>python -m pip install flask
Requirement already satisfied: flask in c:\users\sumanth\appdata\local\programs\python\python310\lib\site-packages (2.2.2)
Requirement already satisfied: Jinja2>=3.0 in c:\users\sumanth\appdata\local\programs\python\python310\lib\site-packages (from flask) (3.1.2)
Requirement already satisfied: click>=8.0 in c:\users\sumanth\appdata\local\programs\python\python310\lib\site-packages (from flask) (8.1.3)
Requirement already satisfied: itsdangerous>=2.0 in c:\users\sumanth\appdata\local\programs\python\python310\lib\site-packages (from flask) (2.1.2)
Requirement already satisfied: Werkzeug>=2.2.2 in c:\users\sumanth\appdata\local\programs\python\python310\lib\site-packages (from flask) (2.2.2)
Requirement already satisfied: colorama in c:\users\sumanth\appdata\local\programs\python\python310\lib\site-packages (from click>=8.0->flask) (0.4.4)
Requirement already satisfied: MarkupSafe>=2.0 in c:\users\sumanth\appdata\local\programs\python\python310\lib\site-packages (from Jinja2>=3.0->flask) (2.1.1)
WARNING: There was an error checking the latest version of pip.

C:\Users\SUMANTH>python -m flask --version
Python 3.10.2
Flask 2.2.2
Werkzeug 2.2.2

C:\Users\SUMANTH>
```

## STEP 5:

## PRINT FLASK ON IDLE TO CHECK THE FLASK INSTALLATION

```
IDLE Shell 3.10.2
File Edit Shell Debug Options Window Help
Python 3.10.2 (tags/v3.10.2:a58ebcc, Jan 17 2022, 14:12:15) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>> import flask
>>> flask.__version__
'2.2.2'
>>>
```