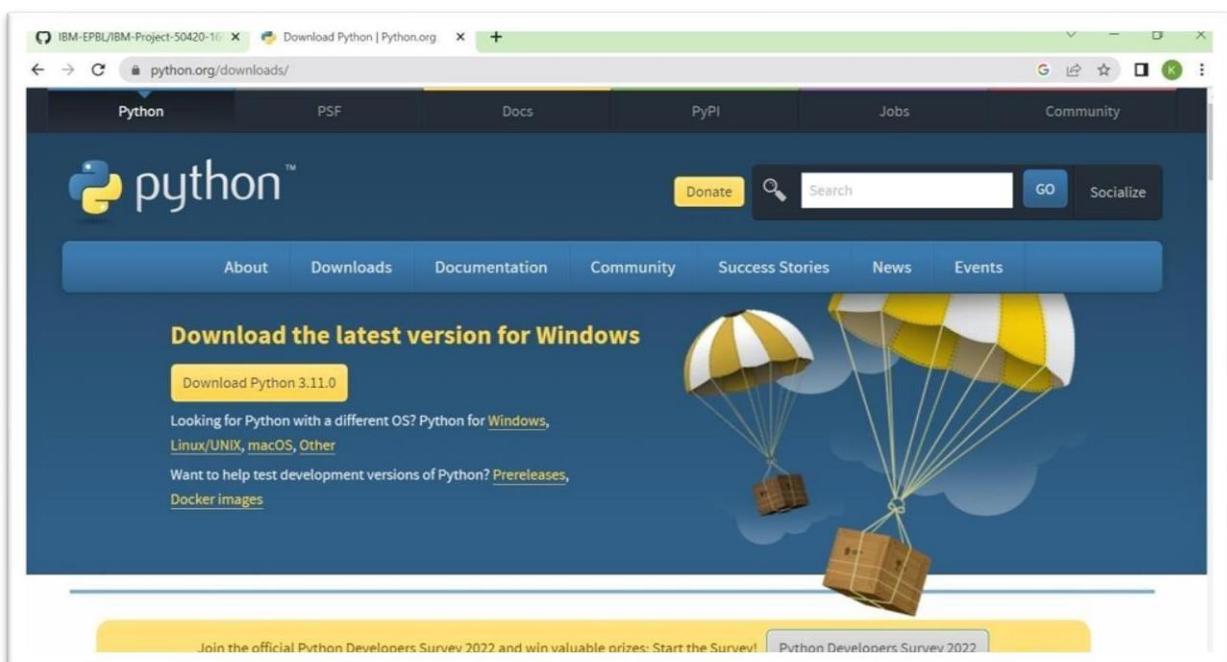


Setting up Application Environment

Create Flask Project

Date	07 October 2022
Team ID	PNT2022TMID33309
Project Name	News Tracker Application

Step 1. Install Python latest version from python.org and while installing the file check the .exe option.



Step 2. Install Flask using command → ***pip install flask***

The screenshot shows the Visual Studio Code interface with the terminal tab active. The terminal window displays the command `pip install flask` and its execution. The output shows multiple packages being downloaded from PyPI, including Flask, Werkzeug, Jinja2, Click, and others. The terminal also shows a notice about a new pip release and a warning about the legacy setup.py install method.

```
PS C:\Users\ELCOT\Desktop\Galaxy-News-07-main\TRY\try 4> pip install flask
Collecting flask
  Downloading flask-2.2.2-py3-none-any.whl (181 kB)
----- 101.5/101.5 kB 416.6 kB/s eta 0:00:00
Collecting Werkzeug>2.2.2
  Downloading werkzeug-2.2.2-py3-none-any.whl (232 kB)
----- 232.7/232.7 kB 474.3 kB/s eta 0:00:00
Collecting Jinja2>3.0
  Downloading Jinja2-3.1.2-py3-none-any.whl (133 kB)
----- 133.1/133.1 kB 782.6 kB/s eta 0:00:00
Collecting itsdangerous>2.0
  Downloading itsdangerous-2.1.2-py3-none-any.whl (15 kB)
Collecting click>8.0
  Downloading click-8.1.3-py3-none-any.whl (96 kB)
----- 96.6/96.6 kB 792.2 kB/s eta 0:00:00
Collecting colorama
  Downloading colorama-0.4.6-py2.py3-none-any.whl (25 kB)
Collecting MarkupSafe>2.0
  Downloading MarkupSafe-2.1.1.tar.gz (18 kB)
Preparing metadata (setup.py) ... done
Installing collected packages: MarkupSafe, itsdangerous, colorama, Werkzeug, Jinja2, click, flask
DEPRECATION: MarkupSafe is being installed using the legacy 'setup.py install' method, because it does not have a 'pyproject.toml' and the 'wheel' package is not installed. pip 23.1 will enforce this behaviour change. A possible replacement is to enable the '-use-pep517' option. Discussion can be found at https://github.com/pypa/pip/issues/8559
Running setup.py install for MarkupSafe ... done
Successfully installed Jinja2-3.1.2 MarkupSafe-2.1.1 Werkzeug-2.2.2 click-8.1.3 colorama-0.4.6 flask-2.2.2 itsdangerous-2.1.2
[notice] A new release of pip available: 22.3 -> 22.3.1
[notice] To update, run: python.exe -m pip install --upgrade pip
PS C:\Users\ELCOT\Desktop\Galaxy-News-07-main\TRY\try 4>
```

The screenshot shows the Visual Studio Code interface with a file named `Flaskpy` open in the editor. The code implements a simple Flask application with a single route that returns "Hello World!". The code includes a conditional check for the main module to handle running the app directly.

```
C: > Users > ELCOT > Desktop > Flaskpy > ...
1  from flask import Flask
2
3  app = Flask(__name__)
4
5  @app.route("/")
6  def home():
7      return "Hello World!!"
8
9
10 if __name__ == '__main__':
11     app.run(debug=True)
```

Step 3. Open Visual Studio Code and start coding:

Step 4: Save the code give the file name as app.py

Step 5: Go to the file location and open the command prompt - type the command → ***flask run***

Step 6: Click the link or copy the address (<http://127.0.0.1:5000/>) then put into the any browser and click enter after that output will show in our screen:

