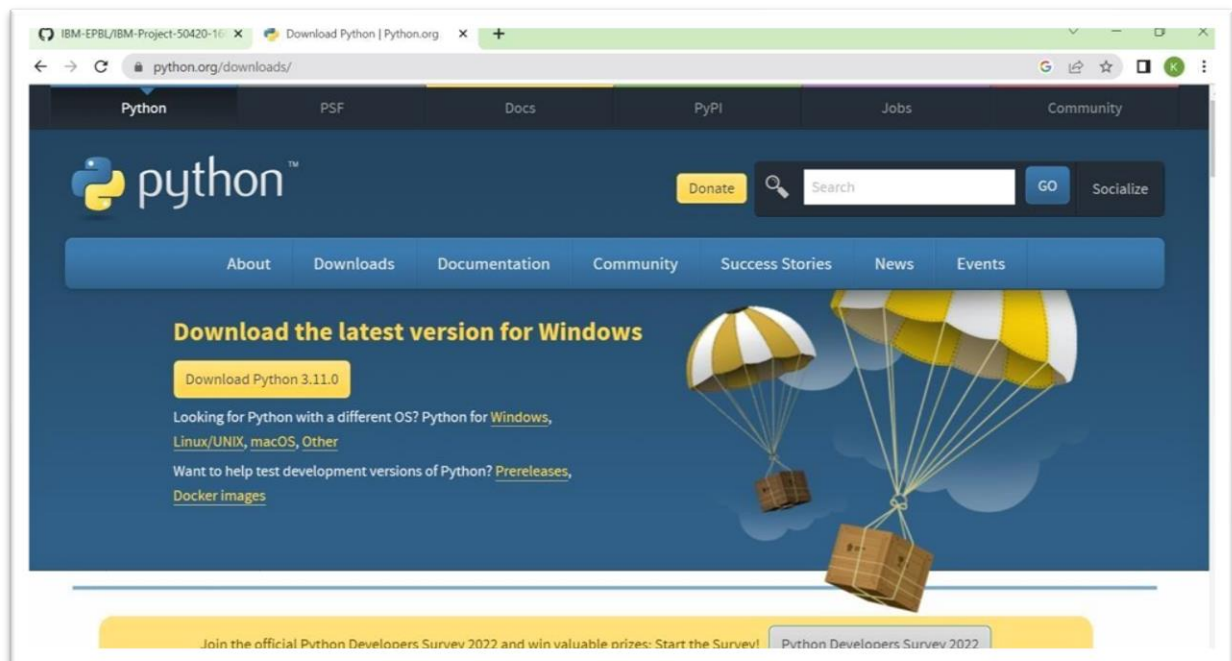


## Setting up Application Environment

### Create Flask Project

Date	09 October 2022
Team ID	PNT2022TMID29614
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 a terminal window open. The terminal displays the command `pip install flask` and the output showing the installation of Flask and its dependencies: Werkzeug, Jinja2, click, colorama, MarkupSafe, and itsdangerous. The status bar at the bottom indicates the file is `app.py` and the Python version is 3.11.0 64-bit.

```
Galaxy-News-07-main > app.py > home
1 from flask import Flask,render_template,request,redirect,url_for
2 from newsapi import NewsApiClient
3 from mydb import connection as db

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 (101 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.t
oml' 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 code editor open. The code editor displays the code for `app.py`, which imports Flask and sets up a simple web application with a `home()` route that returns "Hello World!!". The status bar at the bottom indicates the file is `Flask.py` and the Python version is 3.10.8 32-bit.

```
C:\Users\ELCOT\Desktop> Flask.py > ...
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:

