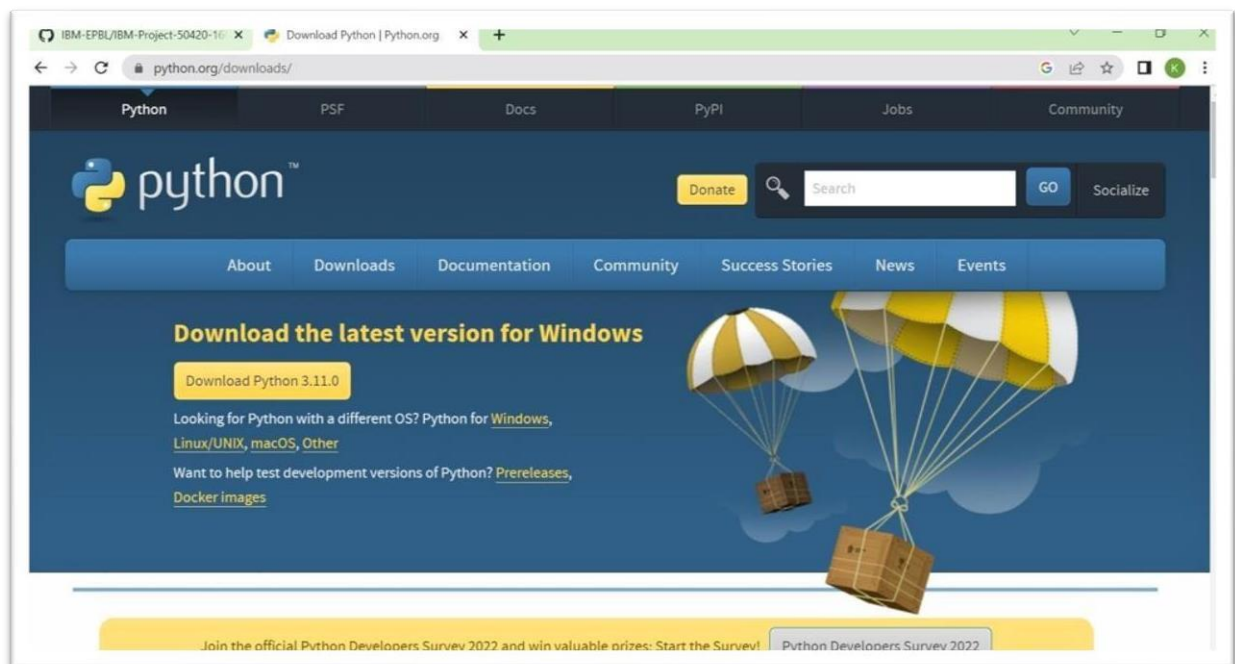


Setting up Application Environment

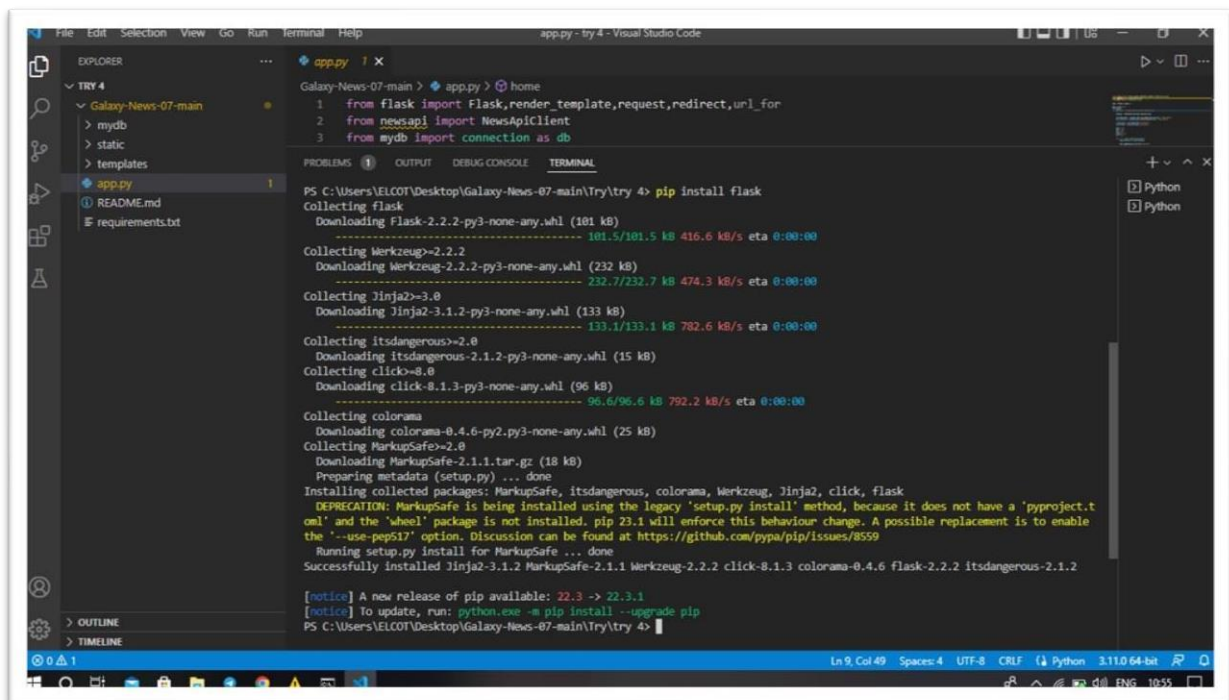
Create Flask Project

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***

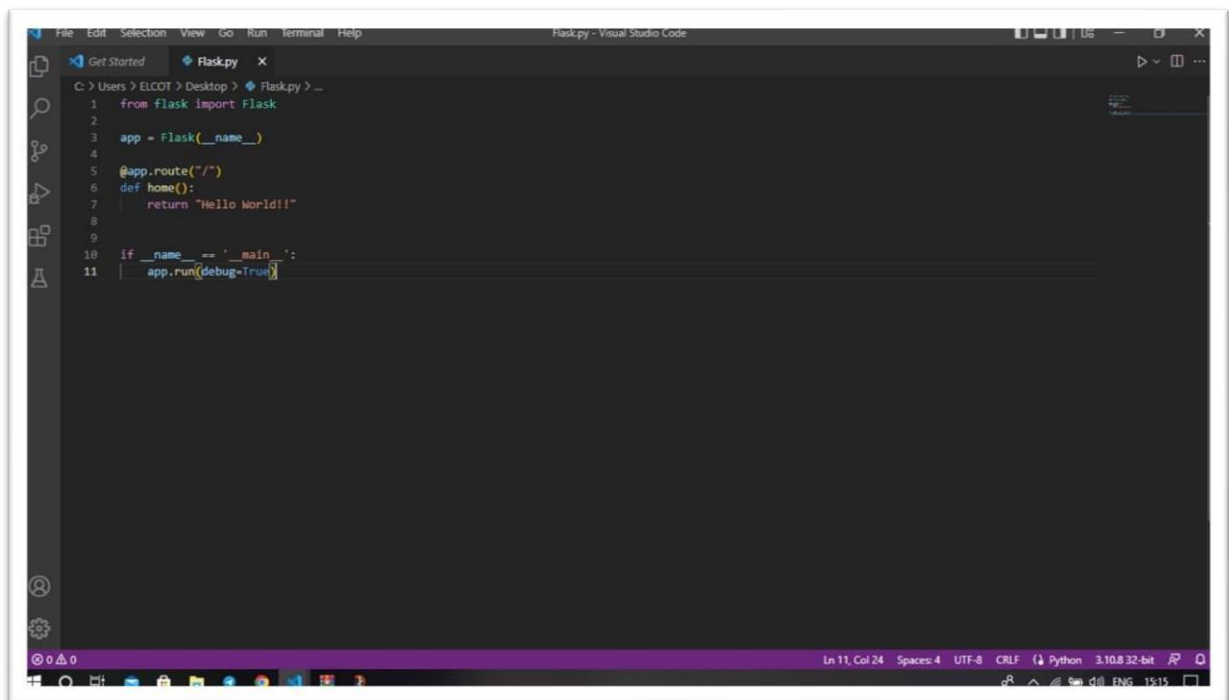


The screenshot shows the Visual Studio Code interface with a terminal window open. The terminal displays the command `pip install flask` and the output showing the installation of Flask and its dependencies: Werkzeug, Jinja2, click, colorama, and MarkupSafe. The installation is successful, and the terminal shows the command prompt ready for the next step.

```
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
on' 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 editor with a file named `Flask.py` open. The code defines a Flask application with a single route `/` that returns "Hello World!!". The code is as follows:

```
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:

