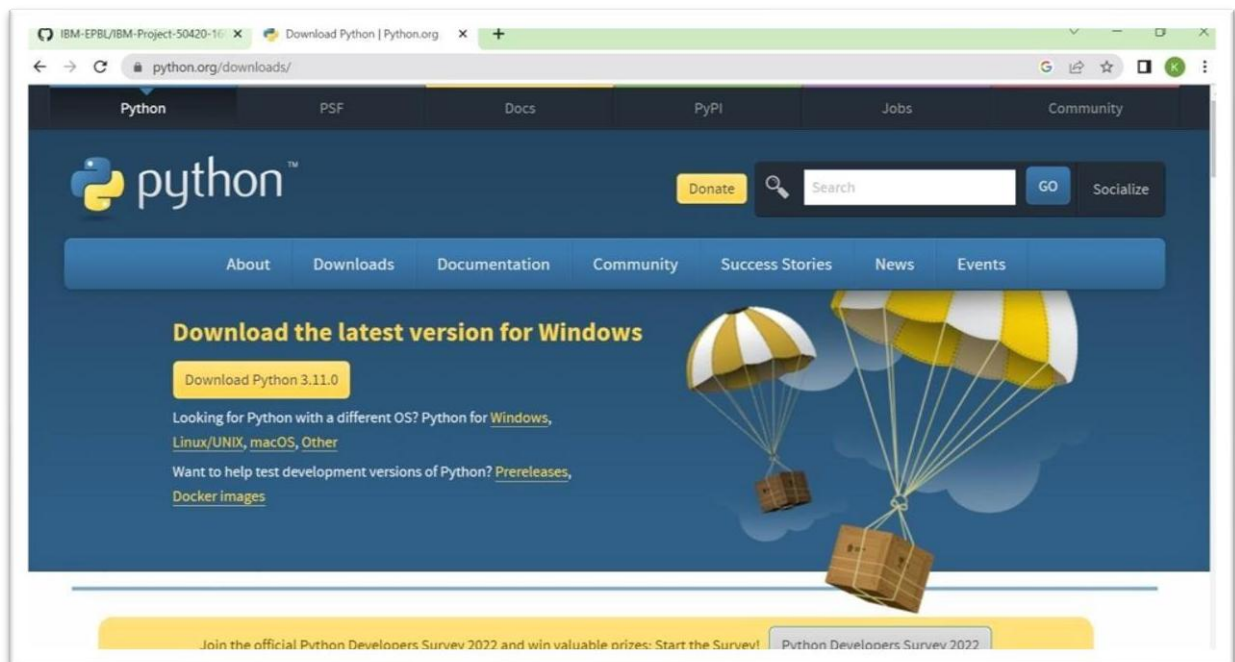


Setting up Application Environment

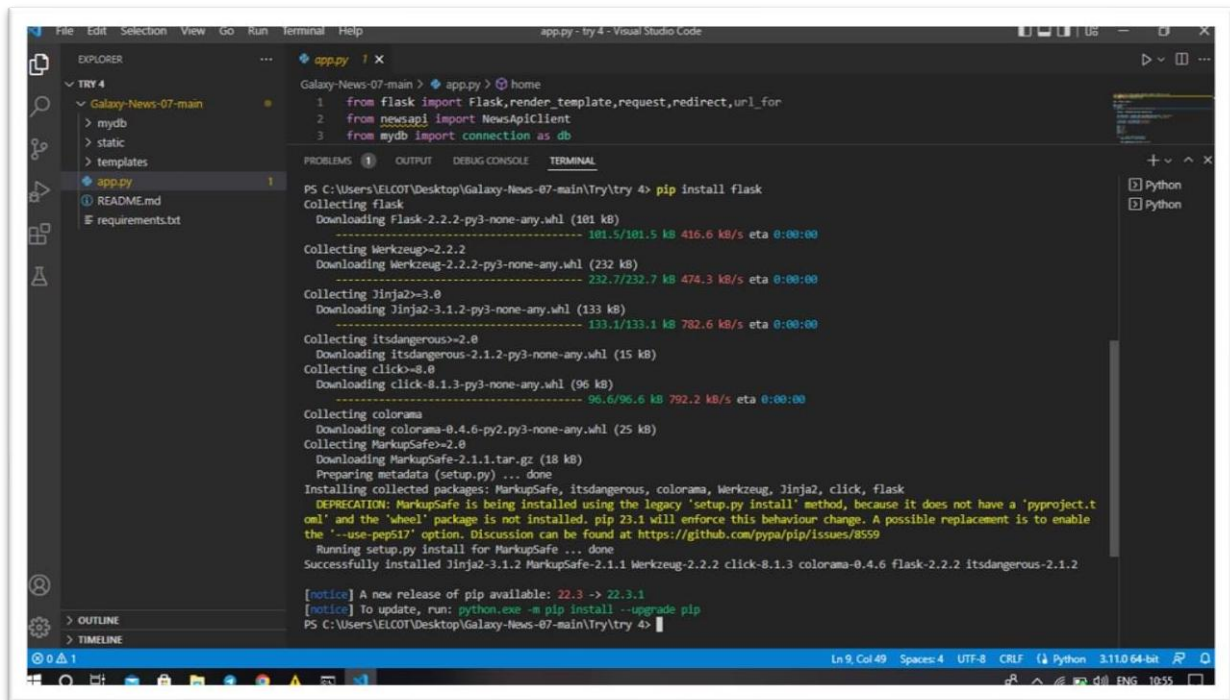
Create Flask Project

Date	09 October 2022
Team ID	PNT2022TMID29605
Project Name	Personal Expense 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***

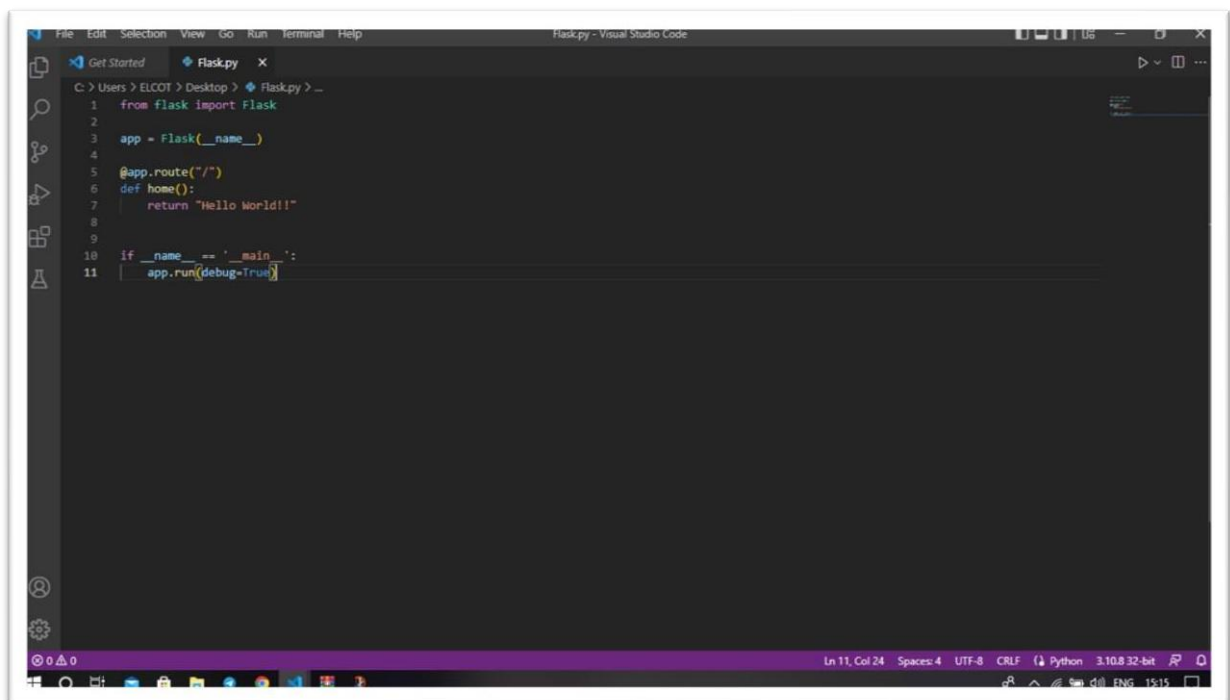


The screenshot shows the Visual Studio Code interface with a file explorer on the left showing a project named 'TRY 4' with files 'app.py', 'README.md', and 'requirements.txt'. The main editor shows the content of 'app.py' with three lines of code: `from flask import Flask, render_template, request, redirect, url_for`, `from newsapi import NewsApiClient`, and `from mydb import connection as db`. The bottom panel shows the 'TERMINAL' tab with the command `pip install flask` and its output, which lists the installation of various dependencies including Flask, Werkzeug, Jinja2, itsdangerous, click, colorama, and MarkupSafe. The status bar at the bottom indicates the file is 'app.py' at line 9, column 49, using UTF-8 encoding and CRLF line endings.

```
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.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 explorer on the left showing a project named 'Flask.py' with a file 'Flask.py'. The main editor shows the content of 'Flask.py' with the following code: `from flask import Flask`, `app = Flask(__name__)`, `@app.route("/")`, `def home():`, `return "Hello World!!"`, and `if __name__ == '__main__':` followed by `app.run(debug=True)`. The status bar at the bottom indicates the file is 'Flask.py' at line 11, column 24, using UTF-8 encoding and CRLF line endings.

```
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:

