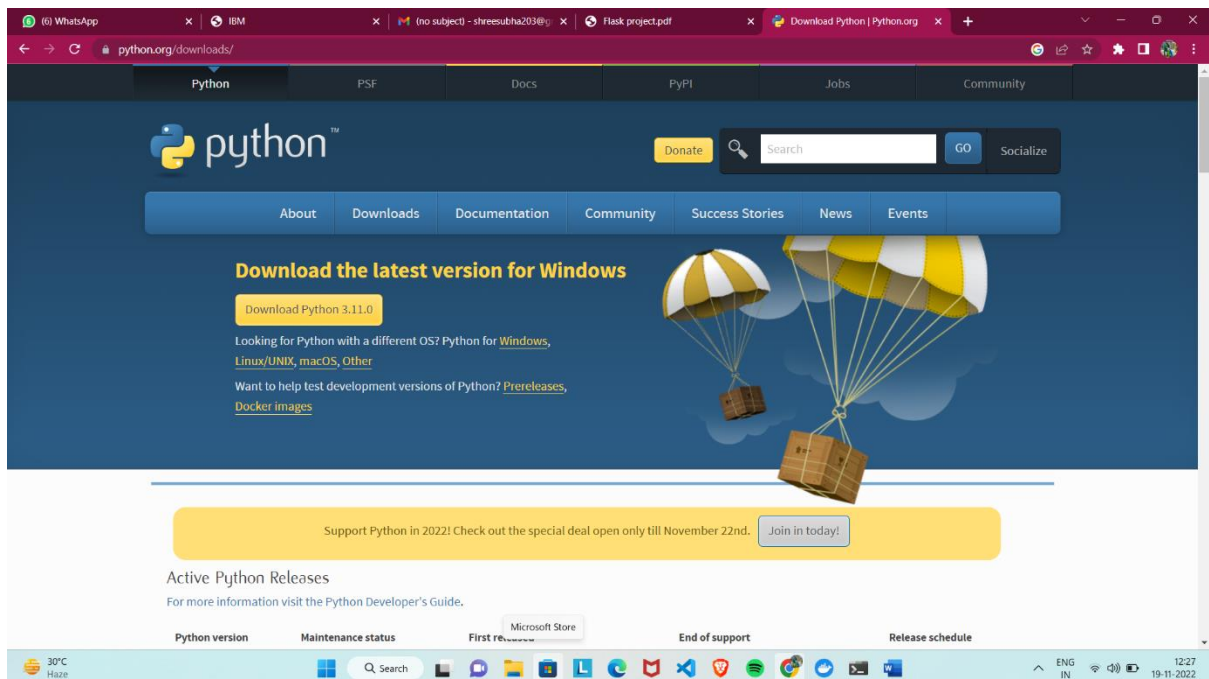


Setting up Application Environment

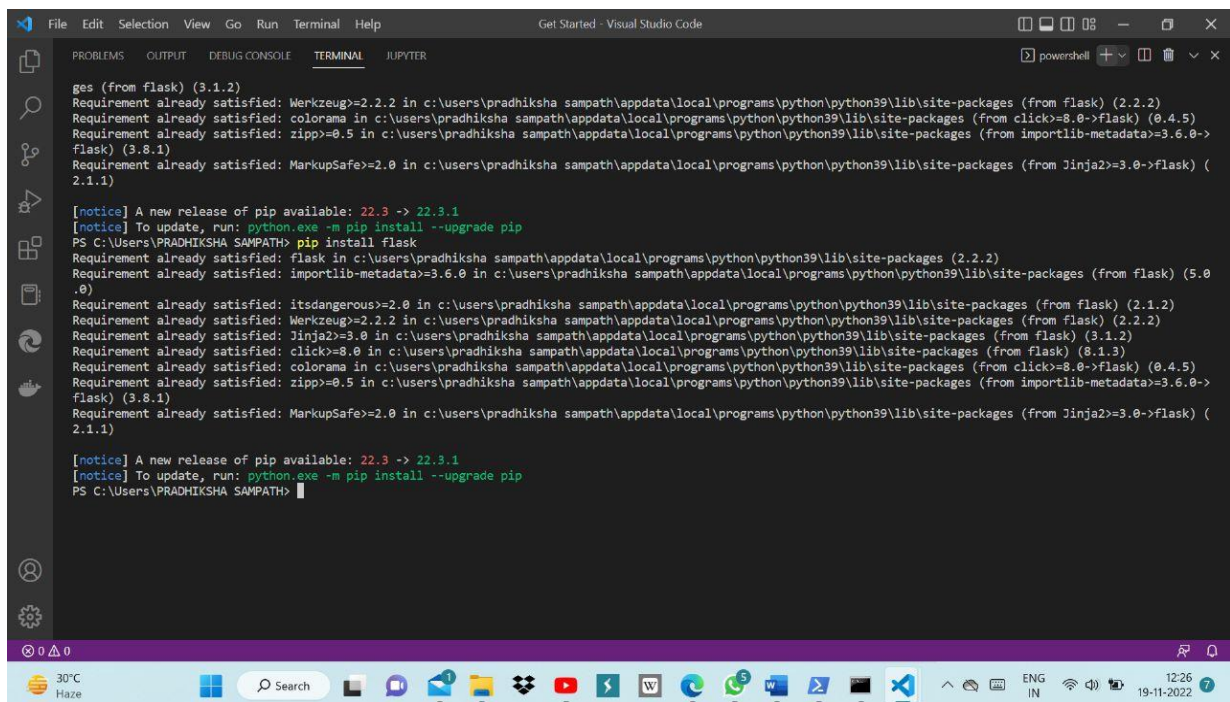
Create Flask Project

Date	07 October 2022
Team ID	PNT2022TMID27747
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

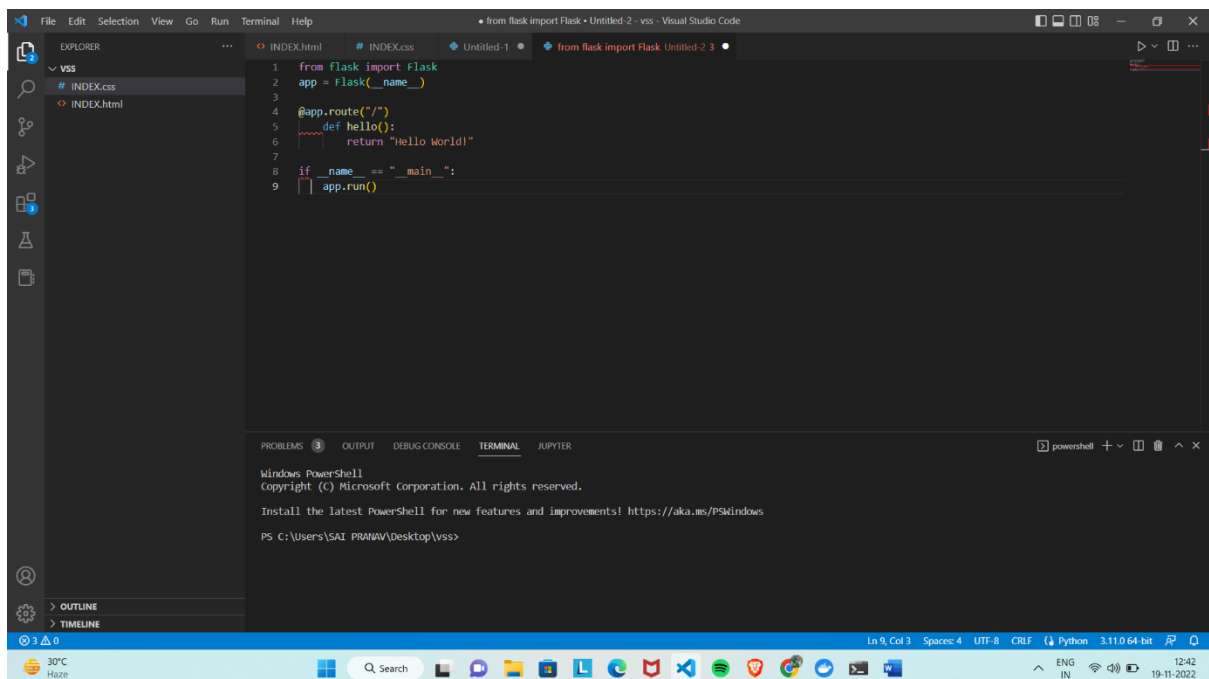


The screenshot shows the Visual Studio Code interface with the terminal open. The terminal displays the output of a pip install command for flask. It lists various requirements and their versions, such as Werkzeug, colorama, click, zipp, MarkupSafe, Jinja2, itsdangerous, and importlib-metadata. It also shows a notice about a new release of pip available (22.3 -> 22.3.1) and instructions to update it using the command `python.exe -m pip install --upgrade pip`. The user has entered the command `pip install flask` in the terminal.

```
ges (from flask) (3.1.2)
Requirement already satisfied: Werkzeug>=2.2.2 in c:\users\pradhiksha sampath\appdata\local\programs\python\python39\lib\site-packages (from flask) (2.2.2)
Requirement already satisfied: colorama in c:\users\pradhiksha sampath\appdata\local\programs\python\python39\lib\site-packages (from click>=8.0->flask) (0.4.5)
Requirement already satisfied: zipp>=0.5 in c:\users\pradhiksha sampath\appdata\local\programs\python\python39\lib\site-packages (from importlib-metadata>=3.6.0->flask) (3.8.1)
Requirement already satisfied: MarkupSafe>=2.0 in c:\users\pradhiksha sampath\appdata\local\programs\python\python39\lib\site-packages (from Jinja2>=3.0->flask) (2.1.1)

[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\PRADHIKSHA SAMPATH> pip install flask
Requirement already satisfied: flask in c:\users\pradhiksha sampath\appdata\local\programs\python\python39\lib\site-packages (2.2.2)
Requirement already satisfied: importlib-metadata>=3.6.0 in c:\users\pradhiksha sampath\appdata\local\programs\python\python39\lib\site-packages (from flask) (5.0.0)
Requirement already satisfied: itsdangerous>=2.0 in c:\users\pradhiksha sampath\appdata\local\programs\python\python39\lib\site-packages (from flask) (2.1.2)
Requirement already satisfied: Werkzeug>=2.2.2 in c:\users\pradhiksha sampath\appdata\local\programs\python\python39\lib\site-packages (from flask) (2.2.2)
Requirement already satisfied: Jinja2>=3.0 in c:\users\pradhiksha sampath\appdata\local\programs\python\python39\lib\site-packages (from flask) (3.1.2)
Requirement already satisfied: click>=8.0 in c:\users\pradhiksha sampath\appdata\local\programs\python\python39\lib\site-packages (from flask) (8.1.3)
Requirement already satisfied: colorama in c:\users\pradhiksha sampath\appdata\local\programs\python\python39\lib\site-packages (from click>=8.0->flask) (0.4.5)
Requirement already satisfied: zipp>=0.5 in c:\users\pradhiksha sampath\appdata\local\programs\python\python39\lib\site-packages (from importlib-metadata>=3.6.0->flask) (3.8.1)
Requirement already satisfied: MarkupSafe>=2.0 in c:\users\pradhiksha sampath\appdata\local\programs\python\python39\lib\site-packages (from Jinja2>=3.0->flask) (2.1.1)

[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\PRADHIKSHA SAMPATH>
```



The screenshot shows the Visual Studio Code editor with a Python file named `app.py` open. The code is a simple Flask application that imports Flask, creates an app, and defines a `hello()` route that returns "Hello World!". The `if __name__ == '__main__':` block calls `app.run()`. The terminal at the bottom shows the Windows PowerShell prompt, indicating the user is in the directory `PS C:\Users\SAI PRANAV\Desktop\vs>`.

```
1 from flask import Flask
2 app = Flask(__name__)
3
4 @app.route("/")
5 def hello():
6     return "Hello World!"
7
8 if __name__ == '__main__':
9     app.run()
```

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

