SETTING UP APPLICATION ENVIRONMENT

CREATE A FLASK PROJECT

Flask is a micro web framework written in Python. It is classified as a microframework because it does not require particular tools or libraries. It has no database abstraction layer, form validation, or any other components where pre-existing third-party libraries provide common functions.

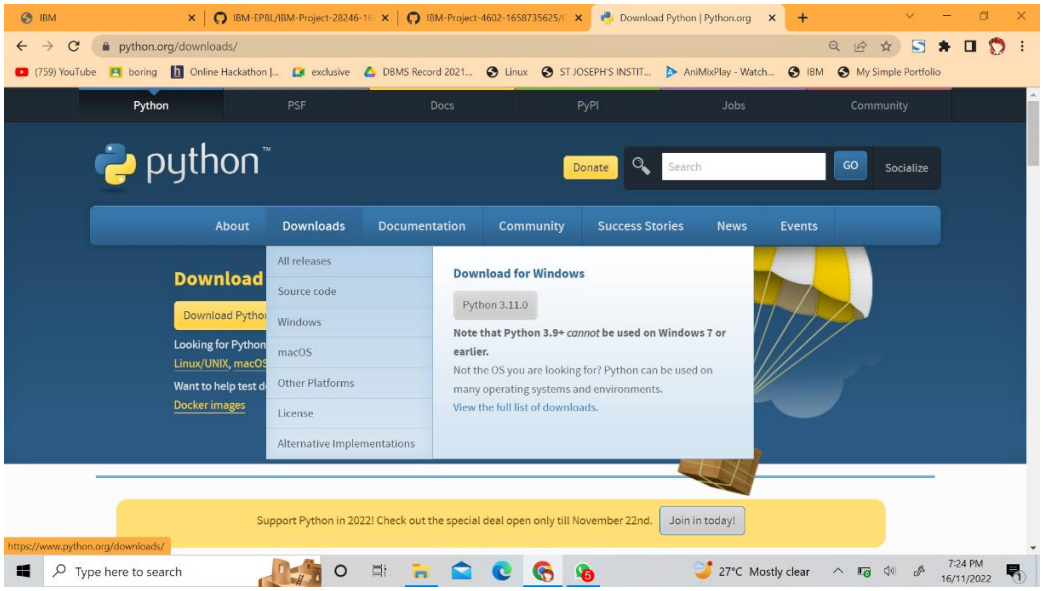
The steps to create and execute a flask program is mentioned below.

STEPS TO CREATE A FLASK PROJECT

The following steps are followed to create the flask project.

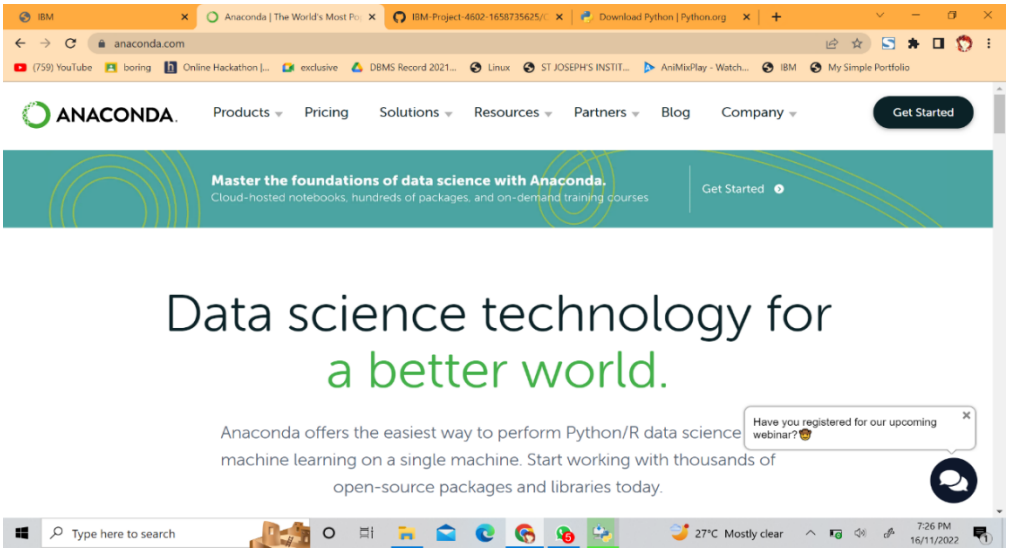
STEP 1: PYTHON INSTALLATION

- The latest version of python is downloaded from **PYTHON.ORG.**
- Install python by running the setup file.



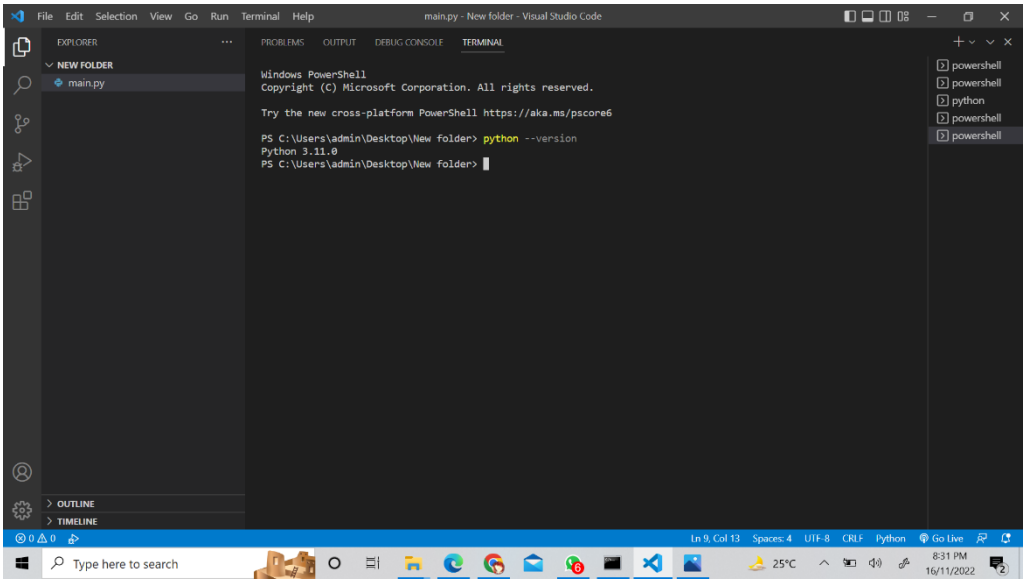
STEP 2 : ANACONDA INSTALLATION

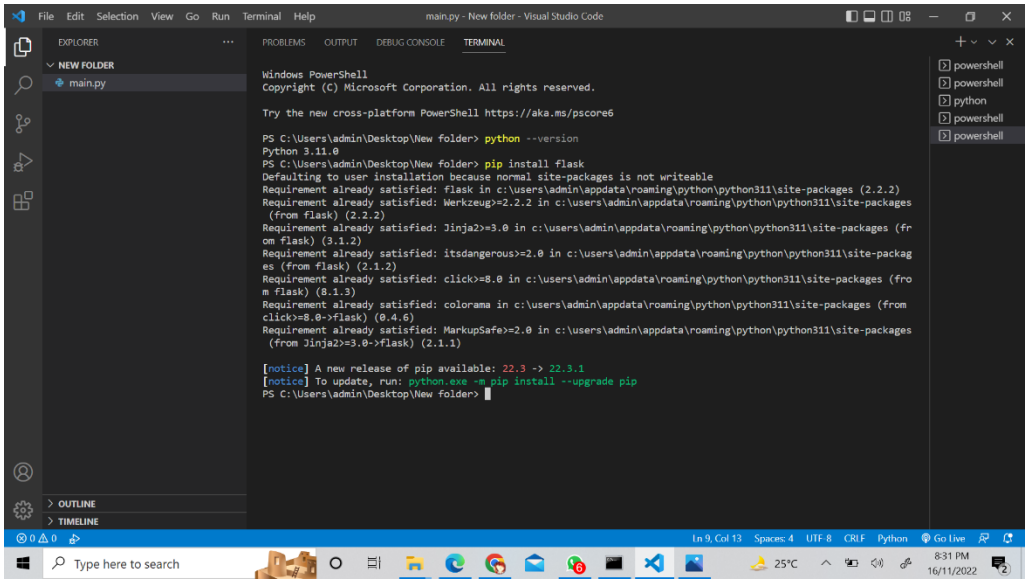
- The latest version of Anaconda is downloaded from their official site.
  https://www.anaconda.com/
- Its then installed by running the setup file.



STEP 3 : INSTALL FLASK

Flask is installed using the command **pip install flask .**



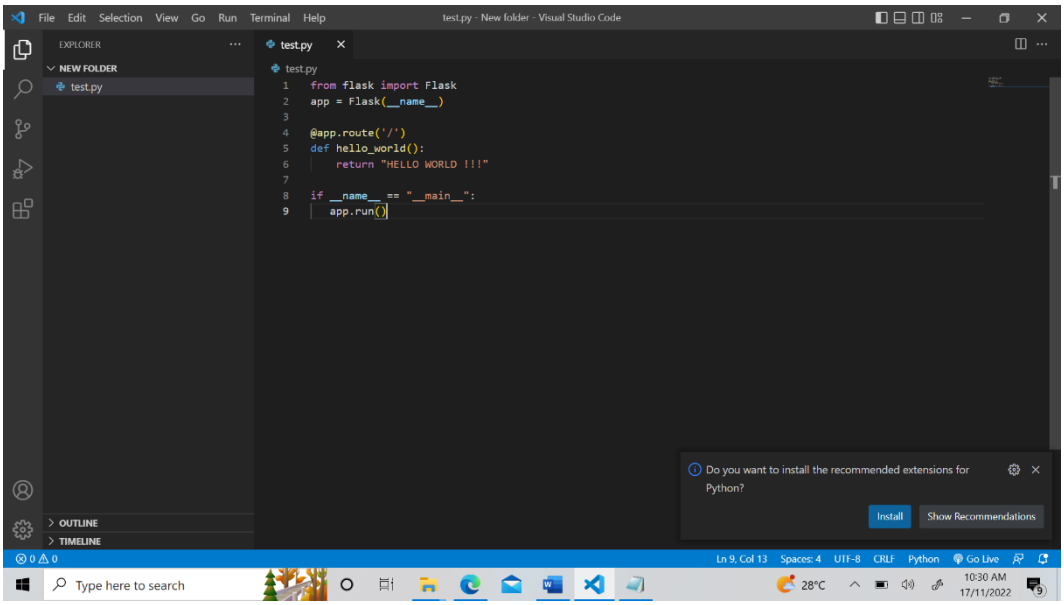


STEP 4 : CREATE THE PROGRAM

- A new python file is created .
- The program is coded and executed.

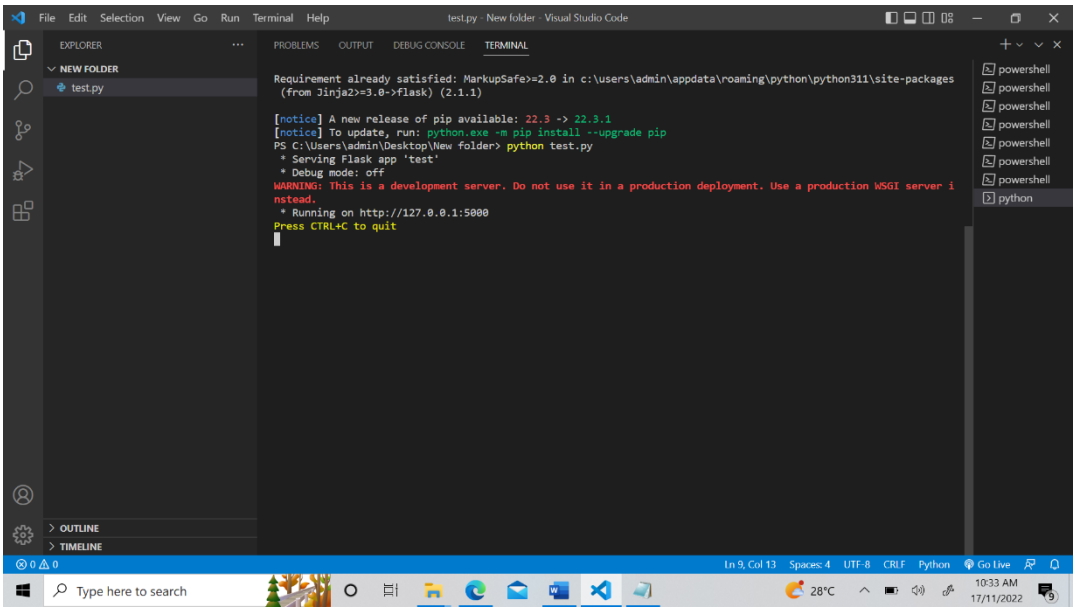
PROGRAM

```
from flask import Flask

app = Flask(__name__)

@app.route('/')


def hello_world():

    return "HELLO WORLD !!!"


if __name__ == "__main__":

   app.run()
```



STEP 5 : EXECUTION

- The program is executed using the command **python filename.py**
- An ip address is generated.



STEP 6 : OUTPUT

- The ip address is opened in a web browser.