NEWS TRACKER APPLICATION

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Contents

1) **Setting up of Environment**
2) **Creation of Flask Project**
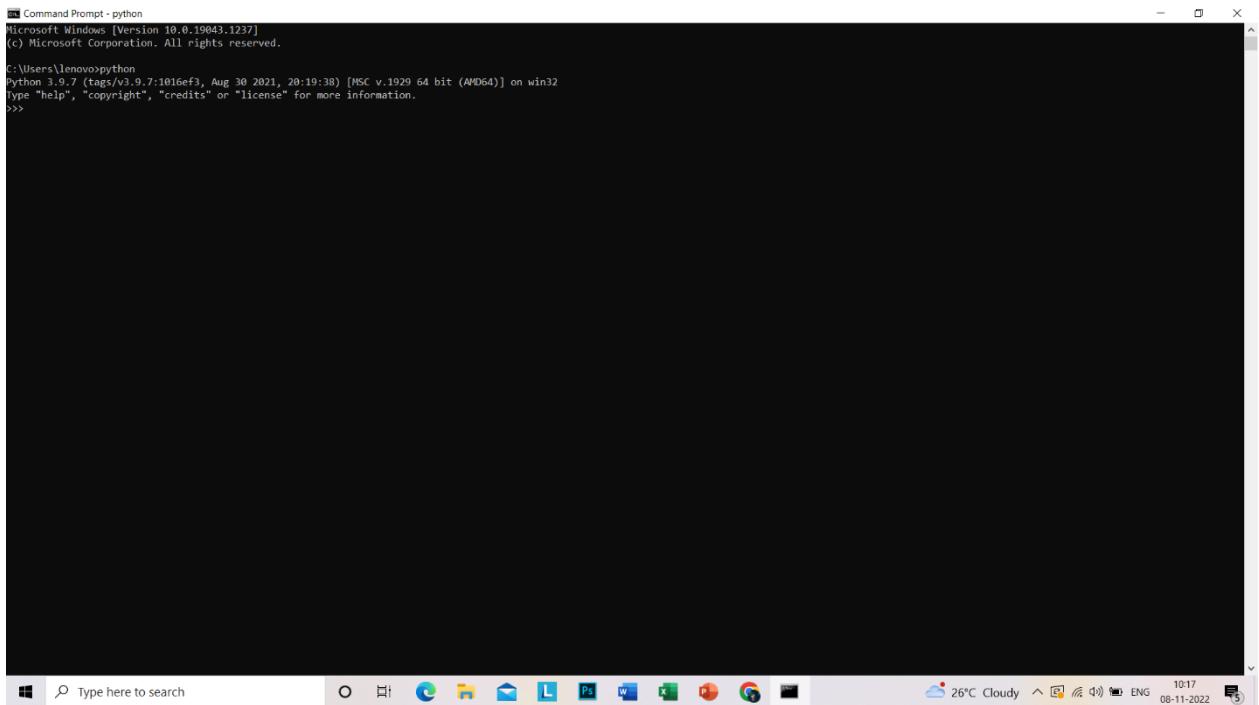
1)Setting Up of Project Environment

Step 1: Install Python (3.11.x), pip, IDLE

- Features like **PIP, IDLE,** py Launcher, Python test suite will be downloaded along with python
- Here PIP is used to manage and install python packages
- IDE to run programs

Step 2: Verification Of Installation

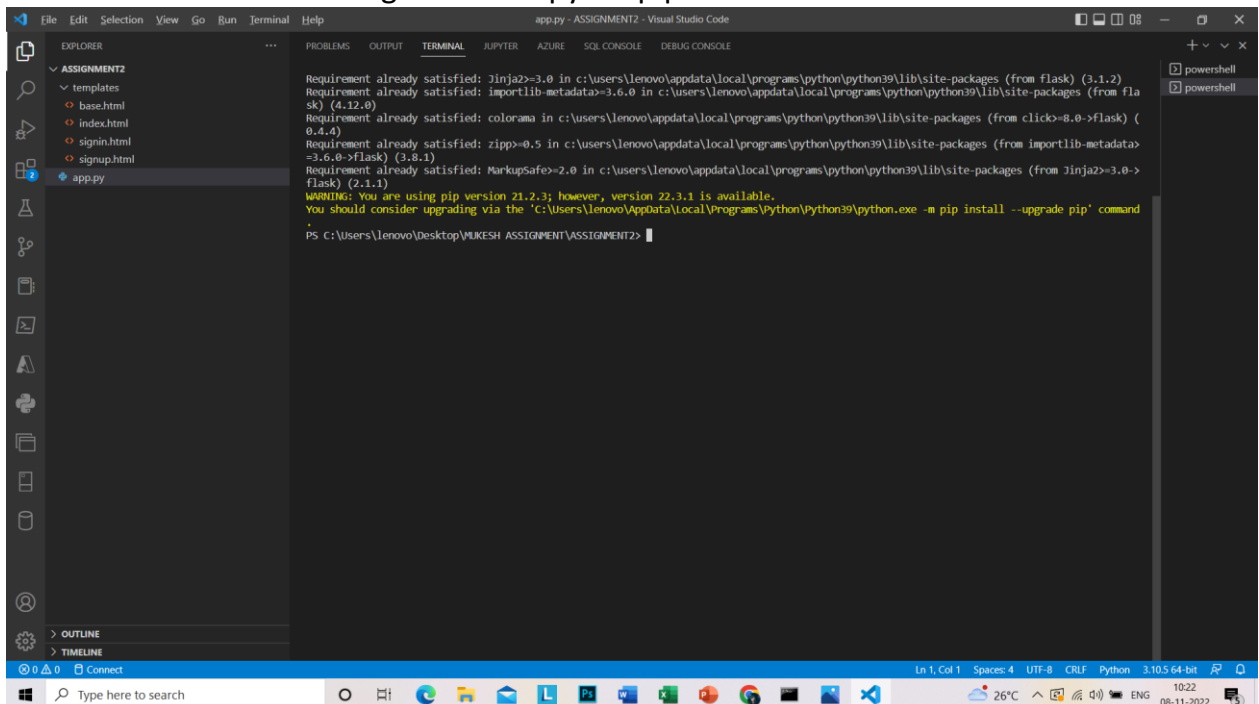Verify the installation using command prompt

Step 3 : Installing Flask
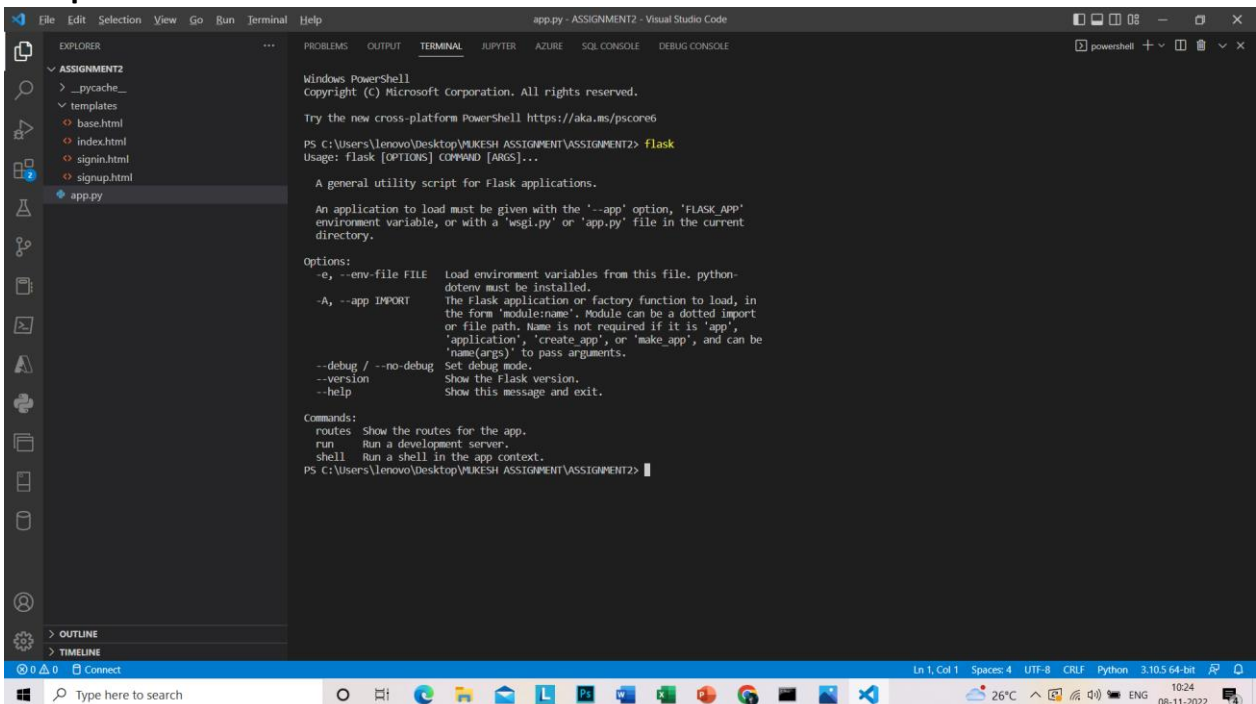
The Flask is installed using Terminal: py -m pip install flask

Hence, flask is already installed successfully

Step 5 : Verification of Flask Installation

2) Creation Flask Project

i)   Folder structure
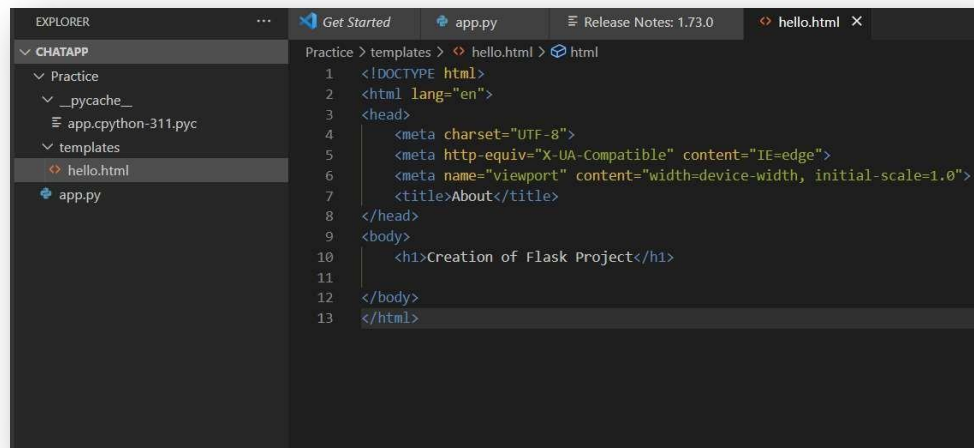
ii) App.py file


```python
from flask import Flask,render_template

app = Flask(__name__)

@app.route("/")
def hello_world():
    return "<p>Hello, Worlddd!</p>"

@app.route("/hello")
def hello():
    return render_template("hello.html")
    # return "<p>Hello World from hello template</p>"
```

iii) Template file(hello.html)


```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>About</title>
</head>
<body>
    <h1>Creation of Flask Project</h1>

</body>
</html>
```
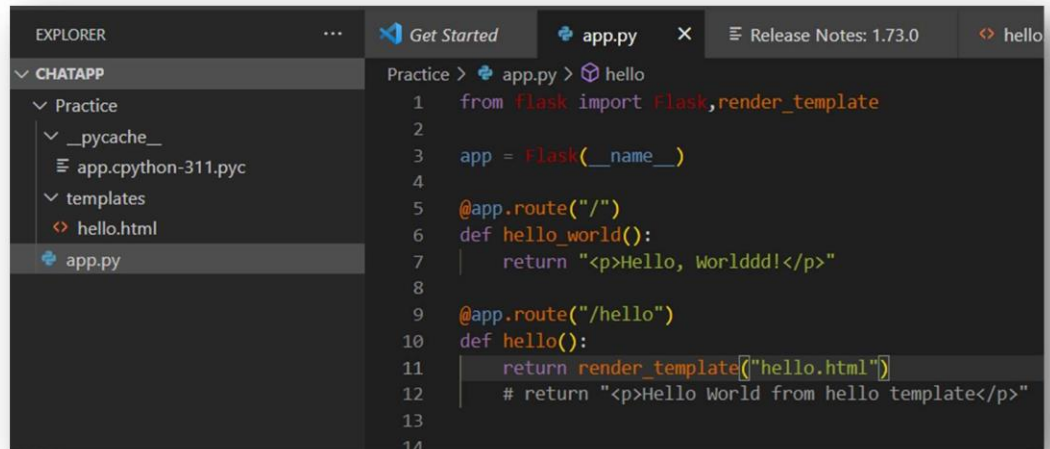
Terminal: run app.py file


```
PS E:\7th Semester\Nalaiyathiran\Practice\Chatapp> flask run
Usage: flask run [OPTIONS]
Try 'flask run --help' for help.

Error: Could not locate a Flask application. Use the 'flask --app' option, 'FLASK_APP' environment variable, or a 'wsgi.py' or 'app.py' file in the current directory
.
PS E:\7th Semester\Nalaiyathiran\Practice\Chatapp> cd Practice
PS E:\7th Semester\Nalaiyathiran\Practice\Chatapp\Practice> flask run
 * Debug mode: off
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
 * Running on http://127.0.0.1:5000
Press CTRL+C to quit
```
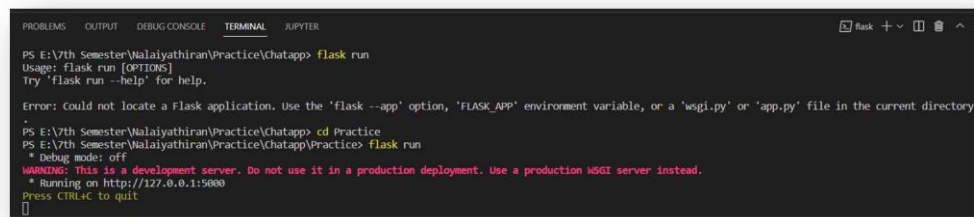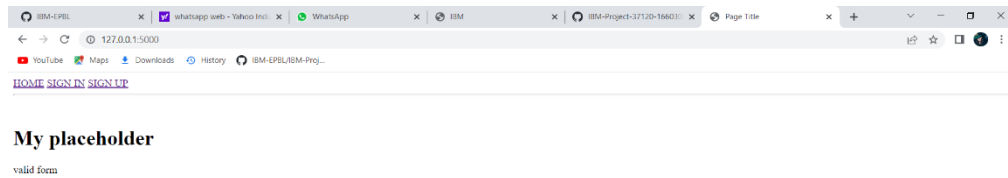
iv) Default route result

http://127.0.0.1:5000