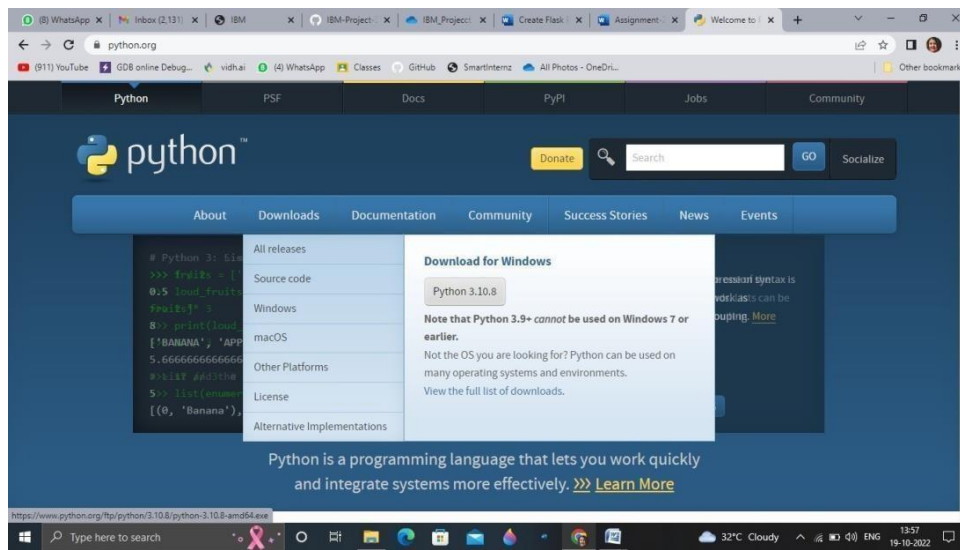


SETTING UP APPLICATION ENVIRONMENT

CREATE FLASK PROJECT

Step 1. Install Python latest version from python.org



Step 2. Install Flask using command pip install flask

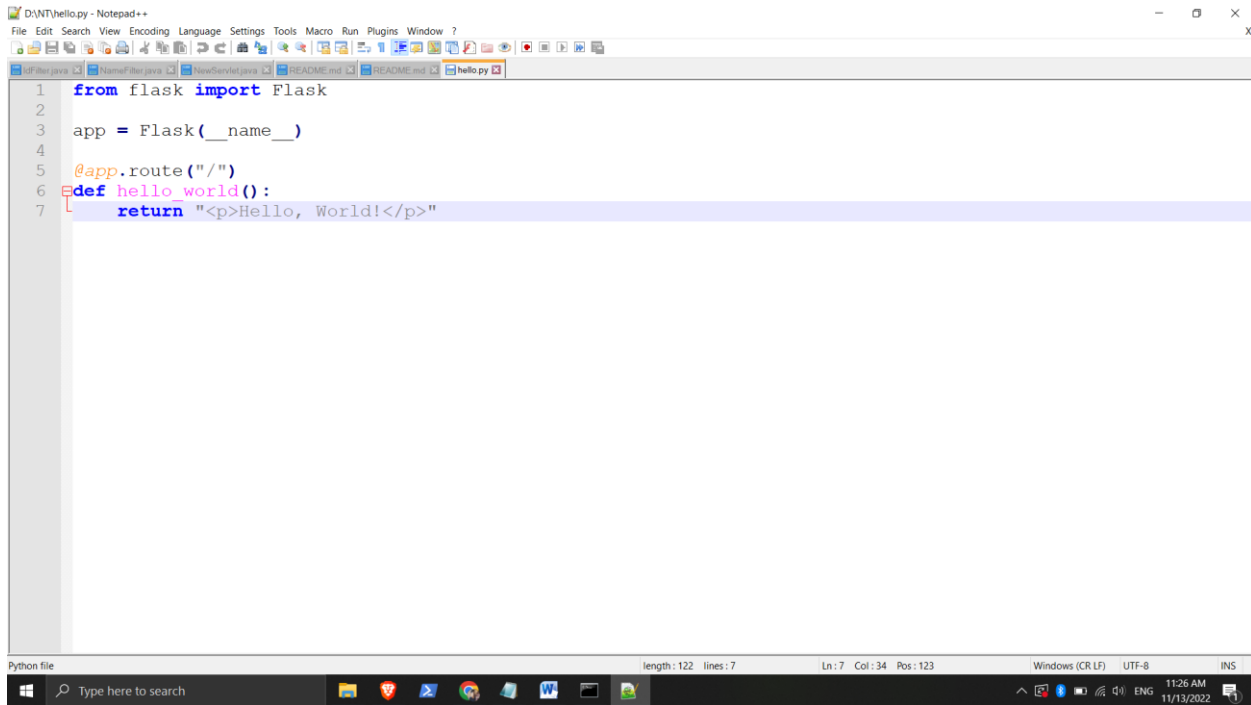
```
Microsoft Windows [Version 10.0.19043.1526]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Rishi>python --version
Python 3.9.8

C:\Users\Rishi>pip install flask
Requirement already satisfied: flask in c:\users\rishi\appdata\local\programs\python\python39\lib\site-packages (2.2.2)
Requirement already satisfied: importlib-metadata>=3.6.0 in c:\users\rishi\appdata\local\programs\python\python39\lib\site-packages (from flask) (5.0.0)
Requirement already satisfied: click>=8.0 in c:\users\rishi\appdata\local\programs\python\python39\lib\site-packages (from flask) (8.1.3)
Requirement already satisfied: Werkzeug>=2.2.2 in c:\users\rishi\appdata\local\programs\python\python39\lib\site-packages (from flask) (2.2.2)
Requirement already satisfied: itsdangerous>=2.0 in c:\users\rishi\appdata\local\programs\python\python39\lib\site-packages (from flask) (2.1.2)
Requirement already satisfied: Jinja2>=3.0 in c:\users\rishi\appdata\local\programs\python\python39\lib\site-packages (from flask) (3.1.2)
Requirement already satisfied: colorama in c:\users\rishi\appdata\local\programs\python\python39\lib\site-packages (from click=>8.0->flask) (0.4.6)
Requirement already satisfied: zipp>=0.5 in c:\users\rishi\appdata\local\programs\python\python39\lib\site-packages (from importlib-metadata=>3.6.0->flask) (3.10.0)
Requirement already satisfied: MarkupSafe>=2.0 in c:\users\rishi\appdata\local\programs\python\python39\lib\site-packages (from Jinja2=>3.0->flask) (2.1.1)
WARNING: You are using pip version 21.2.4; however, version 22.3.1 is available.
You should consider upgrading via the 'C:\Users\Rishi\AppData\Local\Programs\Python\Python39\python.exe -m pip install --upgrade pip' command.

C:\Users\Rishi>
```

Step 3. Open a new Python file and start coding

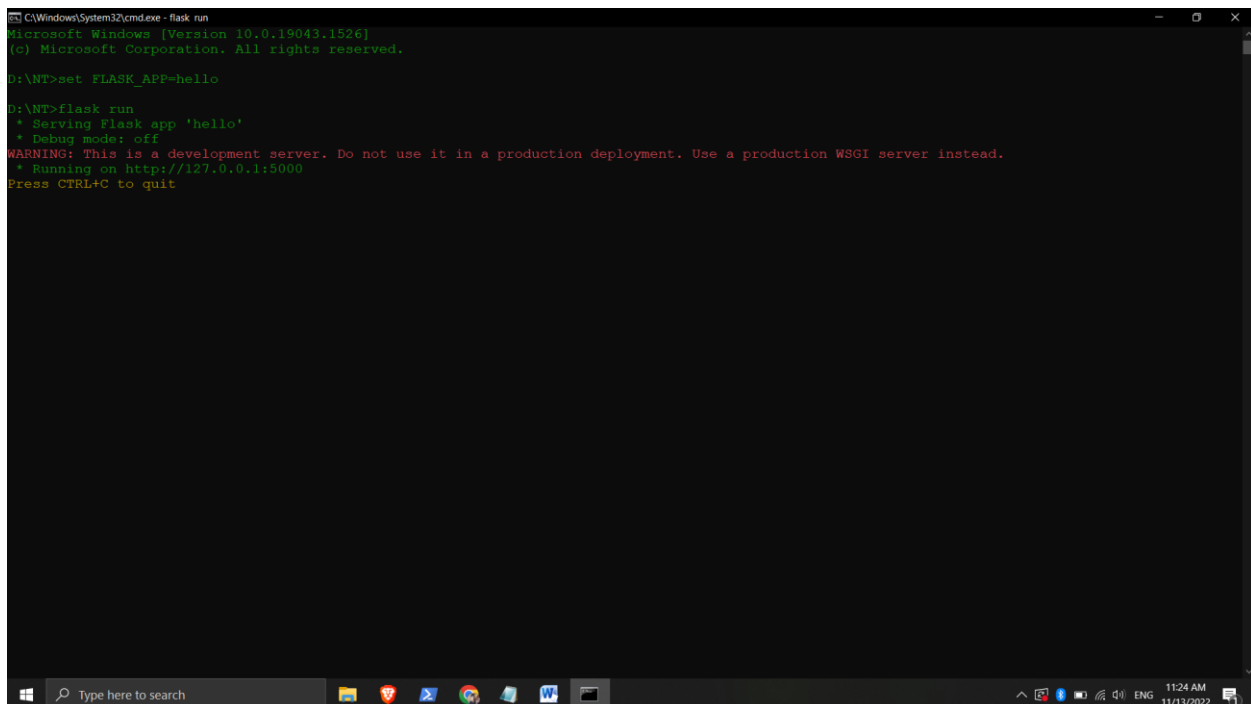


The screenshot shows a Notepad++ window titled 'D:\NT\hello.py - Notepad++'. The code in the editor is as follows:

```
1 from flask import Flask
2
3 app = Flask(__name__)
4
5 @app.route("/")
6 def hello_world():
7     return "<p>Hello, World!</p>"
```

The status bar at the bottom indicates 'Python file', 'length: 122 lines: 7', 'Ln: 7 Col: 34 Pos: 123', 'Windows (CR LF)', 'UTF-8', and 'INS'. The Windows taskbar is visible at the bottom with the search bar and system tray.

Step 4. Run the Python file using commands.



The screenshot shows a Windows Command Prompt window with the following commands and output:

```
C:\Windows\System32\cmd.exe - flask run
Microsoft Windows [Version 10.0.19043.1526]
(c) Microsoft Corporation. All rights reserved.

C:\NT>set FLASK_APP=hello
FLASK_APP=hello

C:\NT>flask run
 * Serving Flask app 'hello'
 * 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
```

The status bar at the bottom shows the time as 11:24 AM on 11/13/2022.

Step 5: Open the Ip in browser

