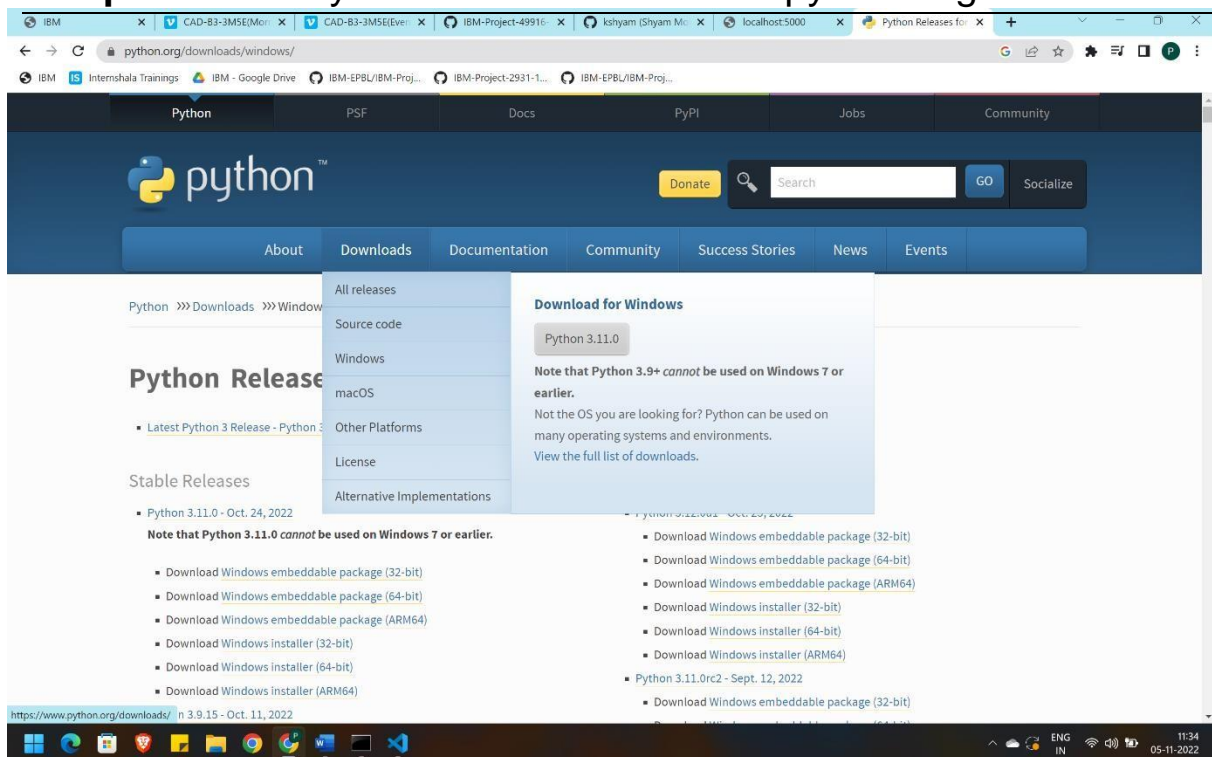


SETTING UP APPLICATION ENVIRONMENT

CREATE FLASKPROJECT

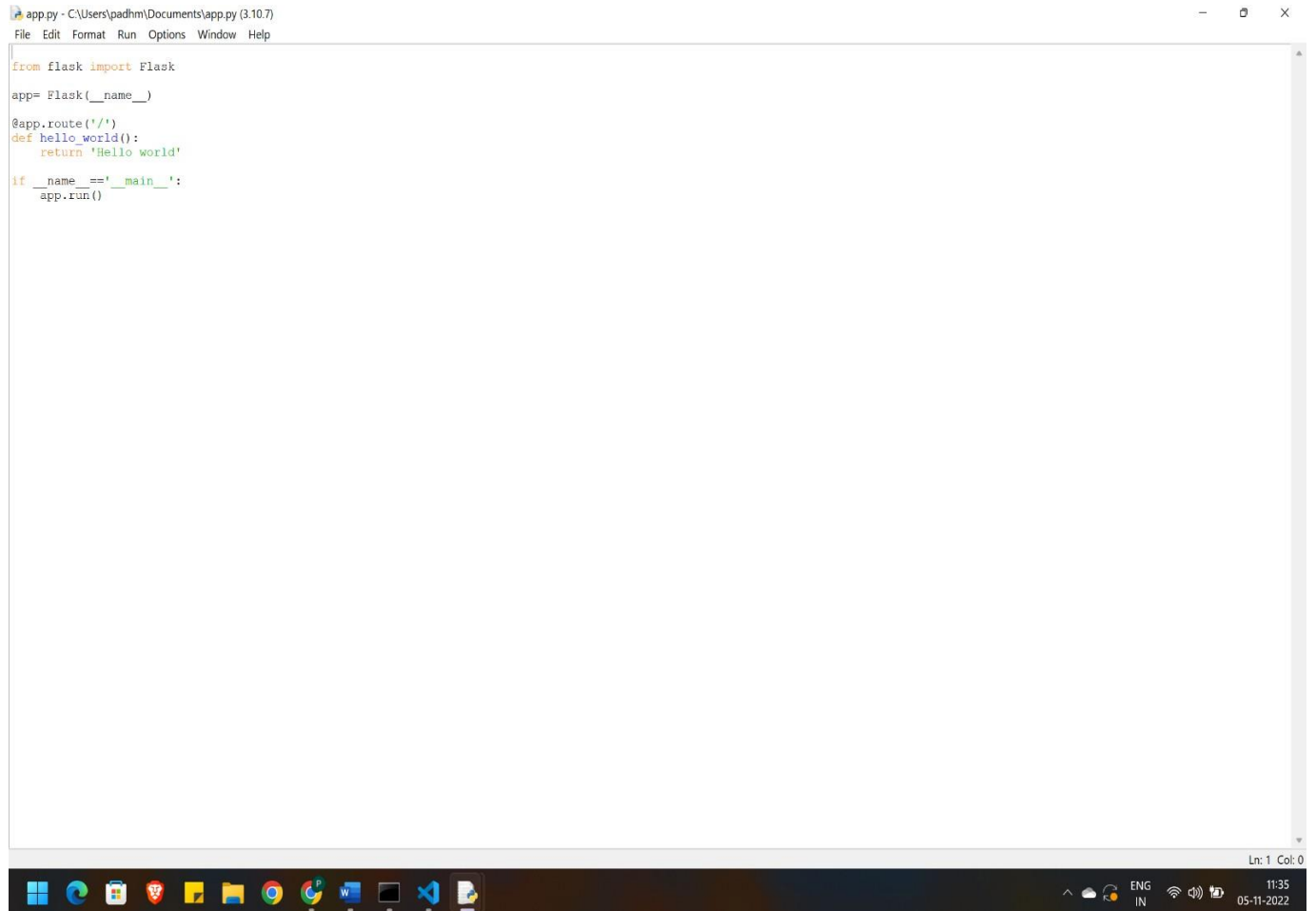
Six Steps have been followed to create Flask Project.

Step 1. Install Python latest version from python.org**Step 2: Install Flask using command pip install flask**

```
Command Prompt
Microsoft Windows [Version 10.0.22000.1098]
(c) Microsoft Corporation. All rights reserved.

C:\Users\padhm>pip install flask
Defaulting to user installation because normal site-packages is not writeable
Requirement already satisfied: flask in c:\users\padhm\appdata\roaming\python\python311\site-packages (2.2.2)
Requirement already satisfied: Werkzeug>=2.2.2 in c:\users\padhm\appdata\roaming\python\python311\site-packages (from flask) (2.2.2)
Requirement already satisfied: Jinja2>=3.0 in c:\users\padhm\appdata\roaming\python\python311\site-packages (from flask) (3.1.2)
Requirement already satisfied: itsdangerous>=2.0 in c:\users\padhm\appdata\roaming\python\python311\site-packages (from flask) (2.1.2)
Requirement already satisfied: click>=8.0 in c:\users\padhm\appdata\roaming\python\python311\site-packages (from flask) (8.1.3)
Requirement already satisfied: colorama in c:\users\padhm\appdata\roaming\python\python311\site-packages (from click>=8.0->flask) (0.4.6)
Requirement already satisfied: MarkupSafe>=2.0 in c:\users\padhm\appdata\roaming\python\python311\site-packages (from Jinja2>=3.0->flask) (2.1.1)

C:\Users\padhm>
```

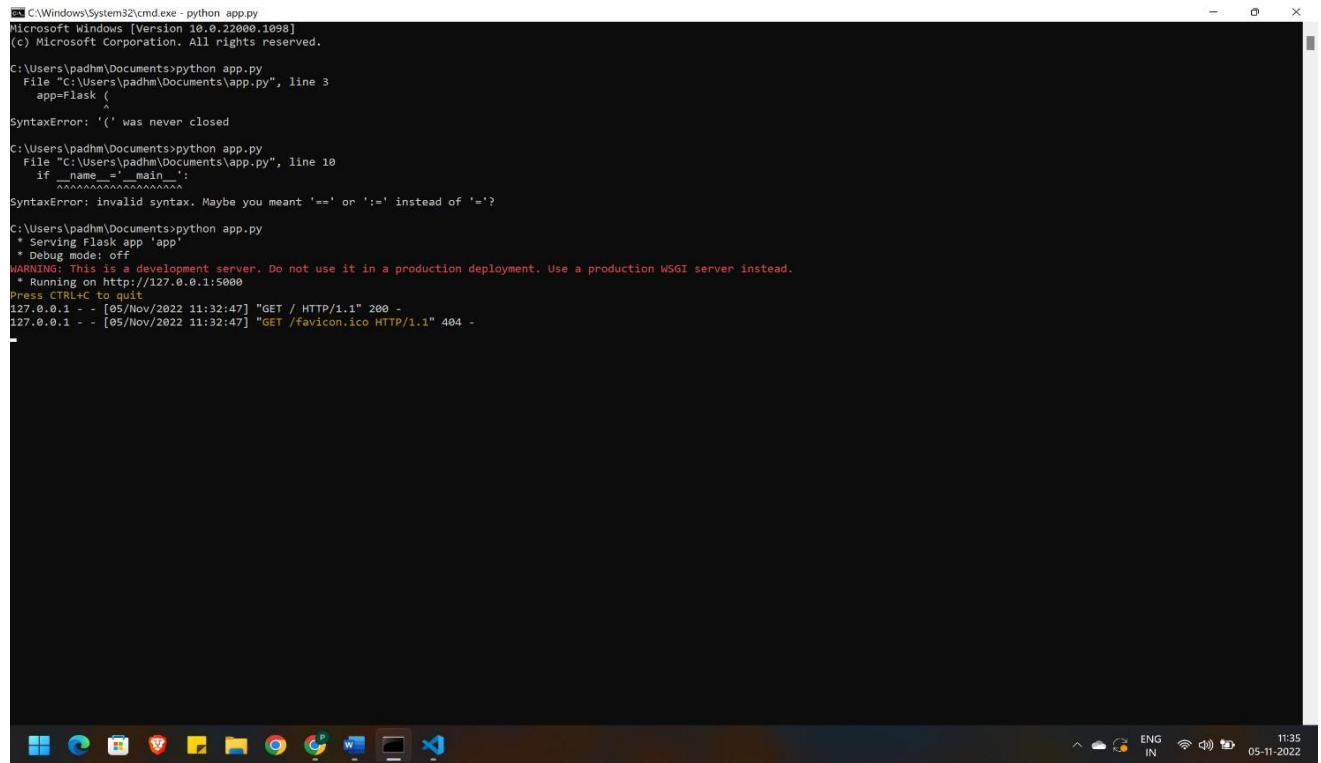
Step 3.Open a new Python IDLE file and code

The screenshot shows a Python IDLE window titled 'app.py - C:\Users\padhm\Documents\app.py (3.10.7)'. The window contains the following Python code:

```
from flask import Flask
app= Flask(__name__)
@app.route('/')
def hello_world():
    return 'Hello world'
if __name__ == '__main__':
    app.run()
```

The code is a simple Flask application that returns 'Hello world' when accessed at the root route. The window also shows a menu bar with 'File', 'Edit', 'Format', 'Run', 'Options', 'Window', and 'Help'. The status bar at the bottom right indicates 'Ln: 1 Col: 0'. The Windows taskbar is visible at the bottom of the screen, showing various application icons and the system clock displaying 11:35 on 05-11-2022.

Step 5. Run the Python file using command python filename.py



```
C:\Windows\System32\cmd.exe - python app.py
Microsoft Windows [Version 10.0.22000.1098]
(c) Microsoft Corporation. All rights reserved.

C:\Users\padhm\Documents>python app.py
File "C:\Users\padhm\Documents\app.py", line 3
  app=Flask (
            ^
SyntaxError: '(' was never closed

C:\Users\padhm\Documents>python app.py
File "C:\Users\padhm\Documents\app.py", line 10
  if __name__ == '__main__':
      ^^^^^^^^^^^^^^^^^^^^^
SyntaxError: invalid syntax. Maybe you meant '==' or ':=' instead of '='?

C:\Users\padhm\Documents>python app.py
* Serving Flask app 'app'
* 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
127.0.0.1 - - [05/Nov/2022 11:32:47] "GET / HTTP/1.1" 200 -
127.0.0.1 - - [05/Nov/2022 11:32:47] "GET /favicon.ico HTTP/1.1" 404 -
```

Step 6: Open the file in browser.

