

Assignment:1

Create a Web server using python and render your name when user is connected.

Procedure:

Step-1:

Create a folder on the D:drive.

And create a python script naming as “app.py” and open it on the visualstudio code.

Step-2:

Now ,we have to install packages on the command prompt.

Command: `pip3 install flask`

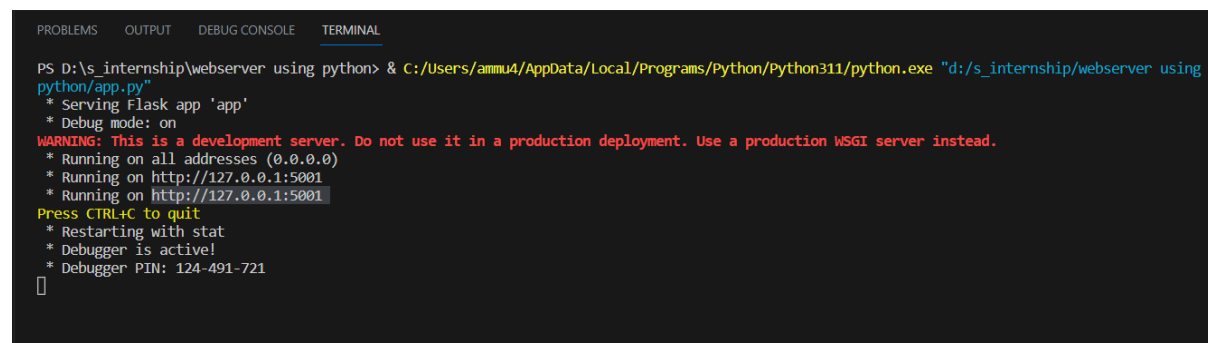
Step-3:

Now create a code for creating a webserver using flask in “app.py”

```
from flask import Flask
app=Flask(__name__)

@app.route('/')
def home():
    return 'server is Connected'
@app.route('/Ammu')
def Ammu():
    return 'server is hosted by Ammu'
if __name__=="__main__":
    app.run(host='0.0.0.0',port=5001,debug=True)
```

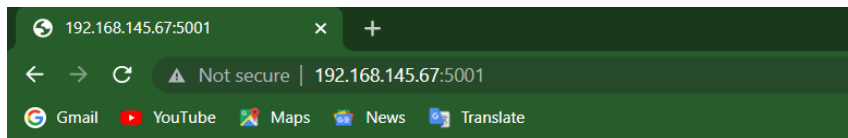
now, run the code in the terminal.



```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL
PS D:\s_internship\webserver using python> & C:/Users/ammu4/AppData/Local/Programs/Python/Python311/python.exe "d:/s_internship/webserver using
python/app.py"
* Serving Flask app 'app'
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on all addresses (0.0.0.0)
* Running on http://127.0.0.1:5001
* Running on http://127.0.0.1:5001
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 124-491-721
█
```

Now ,the server is connected ,copy the link <http://127.0.0.1:5001>

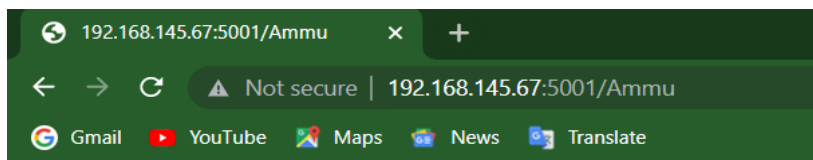
And paste it on the web browser.



server is Connected

We can see the output on the page that the server is connected.

Now call the /Ammu handler and refresh the page.



server is hosted by Ammu

At the same time we can see the response from the client side and server side.

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
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* Running on http://127.0.0.1:5001
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 124-491-721
192.168.145.67 - - [30/May/2023 14:53:24] "GET / HTTP/1.1" 200 -
192.168.145.67 - - [30/May/2023 14:57:04] "GET /Ammu HTTP/1.1" 200 -
[]
```