# Assignment-2

## Render HTML pages (web documents) on to the server.

## Procedure:

**Step-1:**

Create a folder on your respective directory naming as "Html_pages_on_to_server",also create another new folder in that folder naming as "templates".

And,create a file naming as "app.py" in "Html_pages_on_to_server" folder.

**Step-2:**

In "templates" folder create a new html file naming as "index.html" .

Now ,write a small html code as follows:

```
<!DOCTYPE html>
<html>
  <head>
    <title>Hello world page</title>
  </head>
  <body>
    <h1>
      welcome to full stack
    </h1>
  </body>
</html>
```

Save the program.

**Step-3:**

Now write a python script to render html pages on to the server.

```
from flask import Flask,render_template

app=Flask(__name__)

@app.route('/')

def home():
  return render_template('index.html')

if __name__=="__main__":
  app.run(host='0.0.0.0', port=5001,debug=True)
```

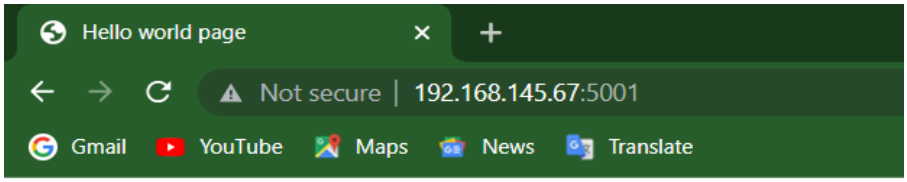
run this program in the terminal.

**Output:**

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL

PS D:\s_internship\html pages on to the server> & C:/Users/ammu4/AppData/Local/Programs/Python/Python311/python.exe "d:/s_internship/html pages
on to the server/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://192.168.145.67:5001
Press CTRL+C to quit
 * Restarting with stat
 * Debugger is active!
 * Debugger PIN: 124-491-721
```

Now ,copy the link and paste it on the web browser.




**welcome to full stack**

We can see the output of the html page.

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL

PS D:\s_internship\html pages on to the server> & C:/Users/ammu4/AppData/Local/Programs/Python/Python311/python.exe "d:/s_internship/html pages
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 * Serving Flask app 'app'
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Press CTRL+C to quit
 * Restarting with stat
 * Debugger is active!
 * Debugger PIN: 124-491-721
192.168.145.67 - - [30/May/2023 15:15:59] "GET / HTTP/1.1" 200 -
```

Also ,at the server side ,we can see that at which time that tha server connected and who has connected.