

31/1/22

Date. _____

Page No. _____

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Course - MCA - B

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Subject - Full Stack Web - development

Answer - 2

- index.html

```
<!DOCTYPE html>
<html>
<head>
  <title> Connect to http server </title>
</head>
<body>
  <h1> Communicate to HTTP Server</h1>
  <h1 style = " Color : rgb ( 219 , 50 , 20 ); ">
  Welcome to Graphic Era University </h1>
</body>
</html>
```

- localhost.py

```
# import libraries
import http.server
import socketserver
```


Defining PORT number

PORT = 8080

Creating Handler

Handler = http.server.SimpleHTTPRequestHandler

Creating TCPSERVER

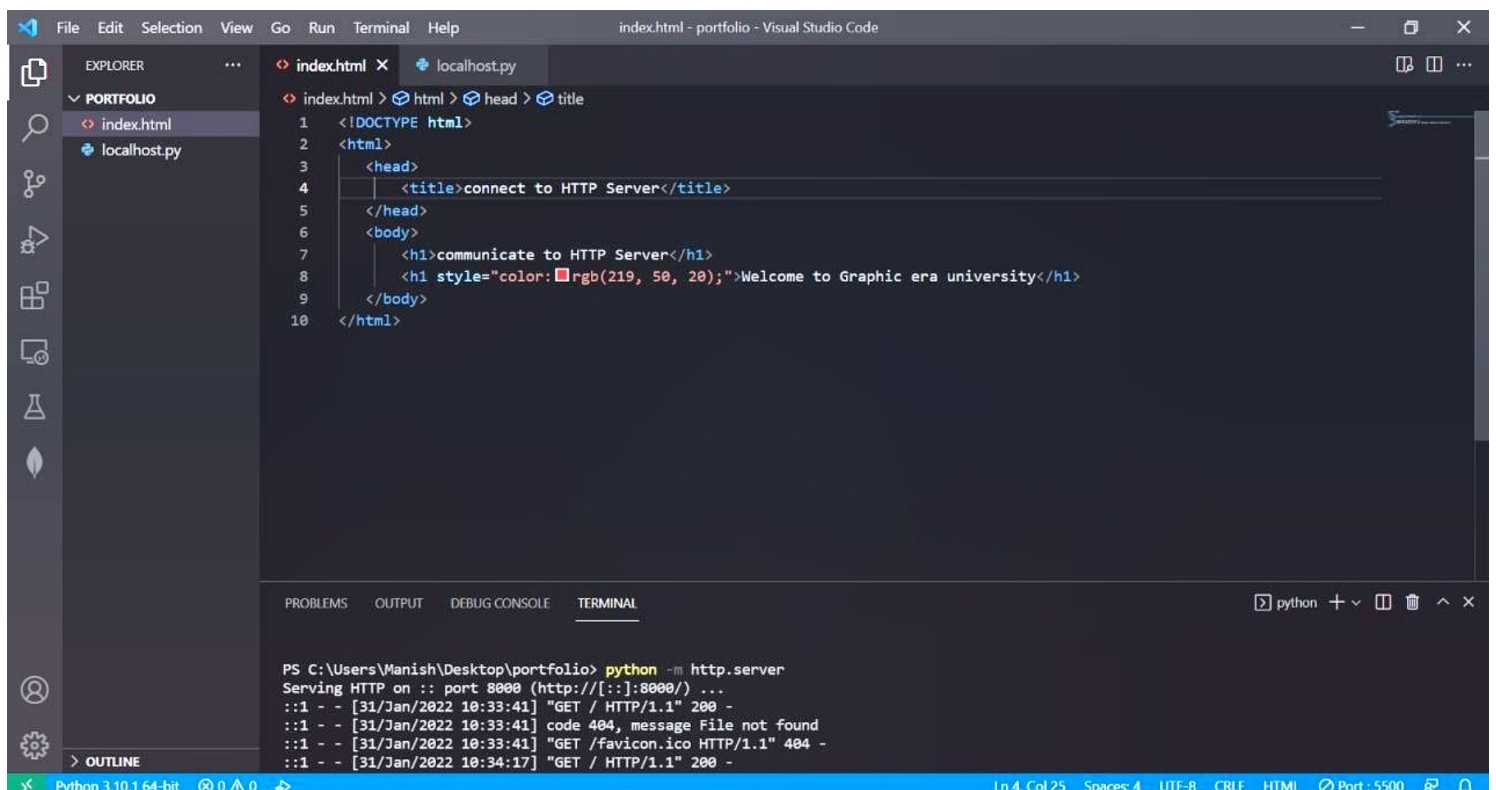
http = SocketServer.TCPServer(("", PORT),
Handler)

Getting logs

print("Serving at port", PORT)

http.serve_forever()

Er. Sishu



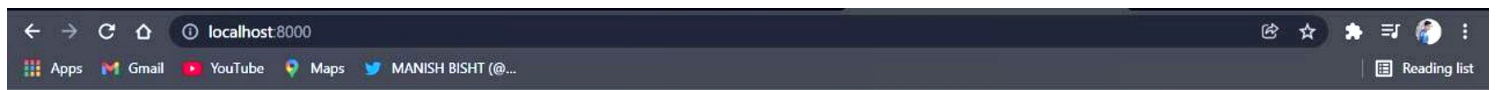
The image shows a Visual Studio Code editor window titled "localhost.py - portfolio - Visual Studio Code". The Explorer sidebar on the left shows a project named "PORTFOLIO" with two files: "index.html" and "localhost.py". The "localhost.py" file is open in the editor, showing the following Python code:

```
localhost.py > ...
1 # Import libraries
2 import http.server
3 import socketserver
4
5 # Defining PORT number
6 PORT = 8080
7
8 # Creating handle
9 Handler = http.server.SimpleHTTPRequestHandler
10
11 # Creating TCPServer
12 http = socketserver.TCPServer(("", PORT), Handler)
13
14 # Getting logs
15 print("serving at port", PORT)
16 http.serve_forever()
17
```

The bottom of the window features a terminal panel with the "TERMINAL" tab selected. It shows the command to run the script and its output:

```
PS C:\Users\Manish\Desktop\portfolio> python -m http.server
Serving HTTP on :: port 8080 (http://[::]:8080/) ...
::1 - - [31/Jan/2022 10:33:41] "GET / HTTP/1.1" 200 -
::1 - - [31/Jan/2022 10:33:41] code 404, message File not found
::1 - - [31/Jan/2022 10:33:41] "GET /favicon.ico HTTP/1.1" 404 -
::1 - - [31/Jan/2022 10:34:17] "GET / HTTP/1.1" 200 -
```

The status bar at the bottom indicates the editor is using Python 3.10.1 64-bit, with 0 errors and 0 warnings. It also shows the current cursor position as "Ln 17, Col 1" and the file encoding as "UTF-8".



communicate to HTTP Server

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