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This branch is 1 commit ahead of `selvasachein/simplewebserver:main`.

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README

EX01 Developing a Simple Webserver

Date:

26.10.2024

AIM:

To develop a simple webserver to serve html pages and display the configuration details

of laptop.

DESIGN STEPS:

Step 1:

HTML content creation.

Step 2:

Design of webserver workflow.

Step 3:

Implementation using Python code.

Step 4:

Serving the HTML pages.

Step 5:

Testing the webserver.

PROGRAM:

''' from http.server import HTTPServer,BaseHTTPRequestHandler

content=''' <!doctype html>

<title> My Web Server</title>

```
    <tr bgcolor="blue">
        <th>S.NO</th><th>SYSTEM CONFIG
    </tr>
    <tr>
        <th>1</th><th>PROCESSOR</th><t
    </tr>
```

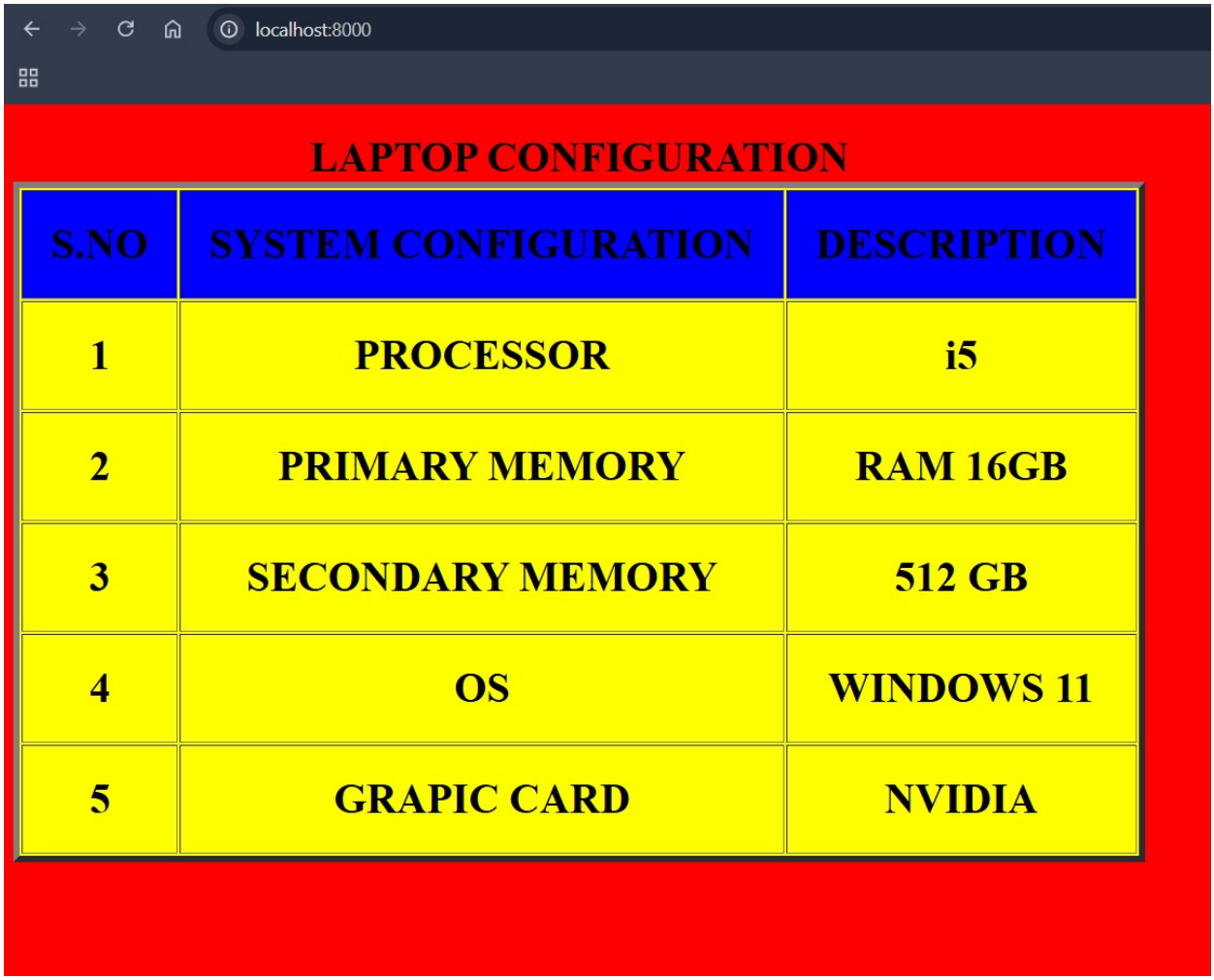
```
    <tr>
        <th>2</th><th>PRIMARY MEMORY</
    </tr>
    <TR>
        <th>3</th><th>SECONDARY MEMORY
    </TR>
    <tr>
        <th>4</th><th>OS</th><th>WINDO
    </tr>
    <tr>
        <th>5</th><th>GRAPIC CARD</th>
        </tr></h1>
```

'''

class MyServer(BaseHTTPRequestHandler):
def do_GET(self): print("Get request received...") self.send_response(200)
self.send_header("content-type", "text/html")
self.end_headers()
self.wfile.write(content.encode())

print("This is my webserver")
server_address =('',8000) httpd = HTTPServer(server_address,MyServer)
httpd.serve_forever() '''

OUTPUT:



RESULT:

The program for implementing simple webserver is executed successfully.

LAPTOP CONFIGURATION

Releases

No releases published

Packages

No packages published

Languages

Python 99.2% **HTML** 0.8%