

# Developing a Simple Webserver

## ' AIM:

To develop a simple webserver to display top five programming languages.

## ' 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:

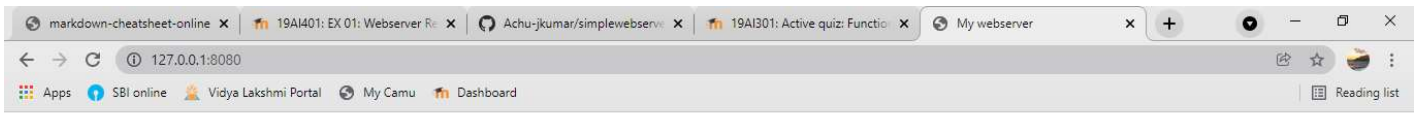
Testing the webserver

## ' PROGRAM:

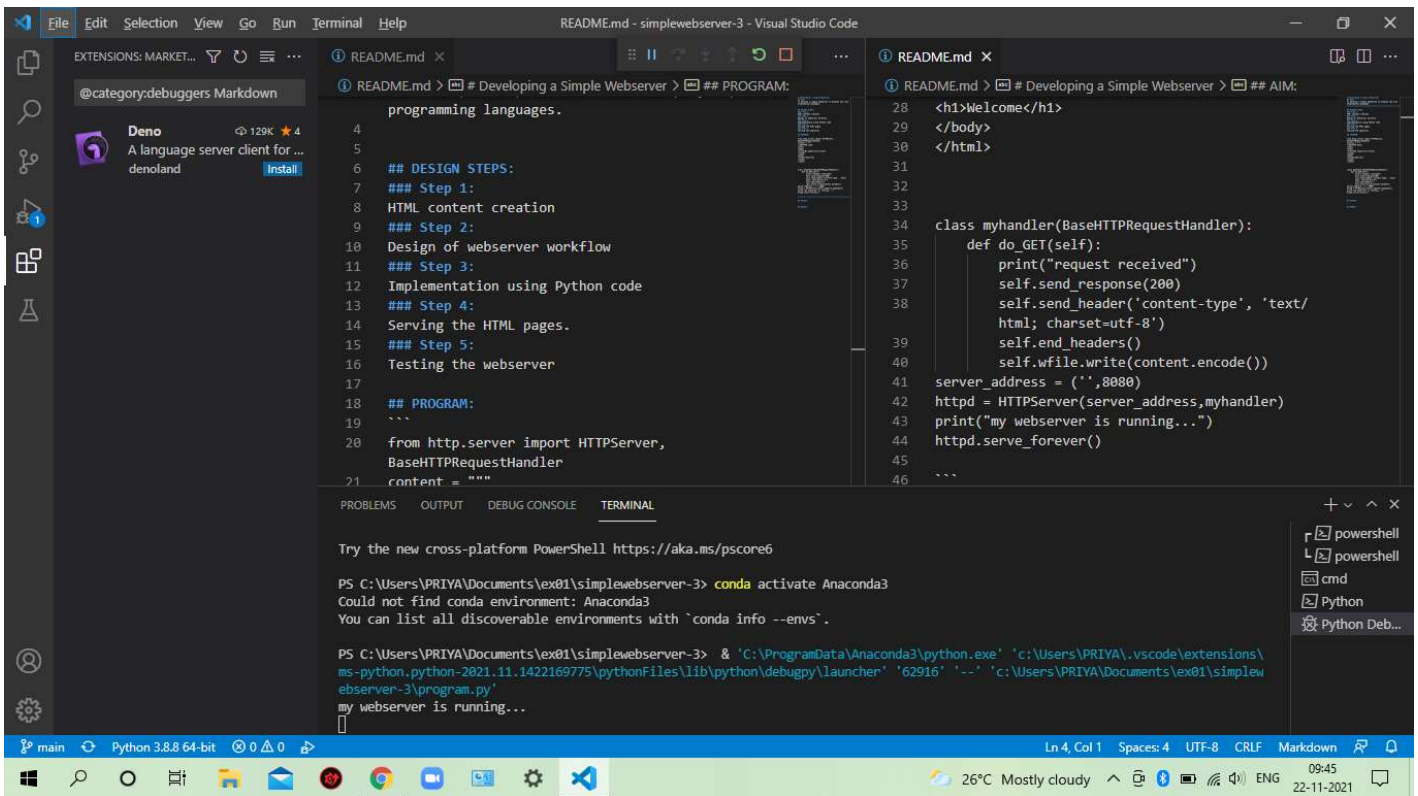
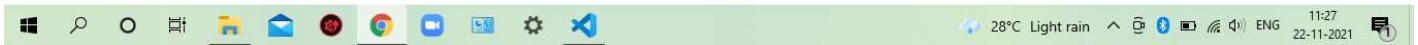
```
from http.server import HTTPServer, BaseHTTPRequestHandler
content = """
<!DOCTYPE html>
<html>
<head>
<title>My webserver</title>
</head>
<body>
<h1>python
    java
    c++
    c
    java script</h1>
</body>
</html>
```

```
class myhandler(BaseHTTPRequestHandler):
    def do_GET(self):
        print("request received")
        self.send_response(200)
        self.send_header('content-type', 'text/html; charset=utf-8')
        self.end_headers()
        self.wfile.write(content.encode())
server_address = ('',8080)
httpd = HTTPServer(server_address,myhandler)
print("my webserver is running...")
httpd.serve_forever()
```

' **OUTPUT:**



python java c++ c java script



RESULT:

The given program is completed.