

# Developing a Simple Webserver

## ' AIM:

To develop a simple webserver to serve html pages.

## ' 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:

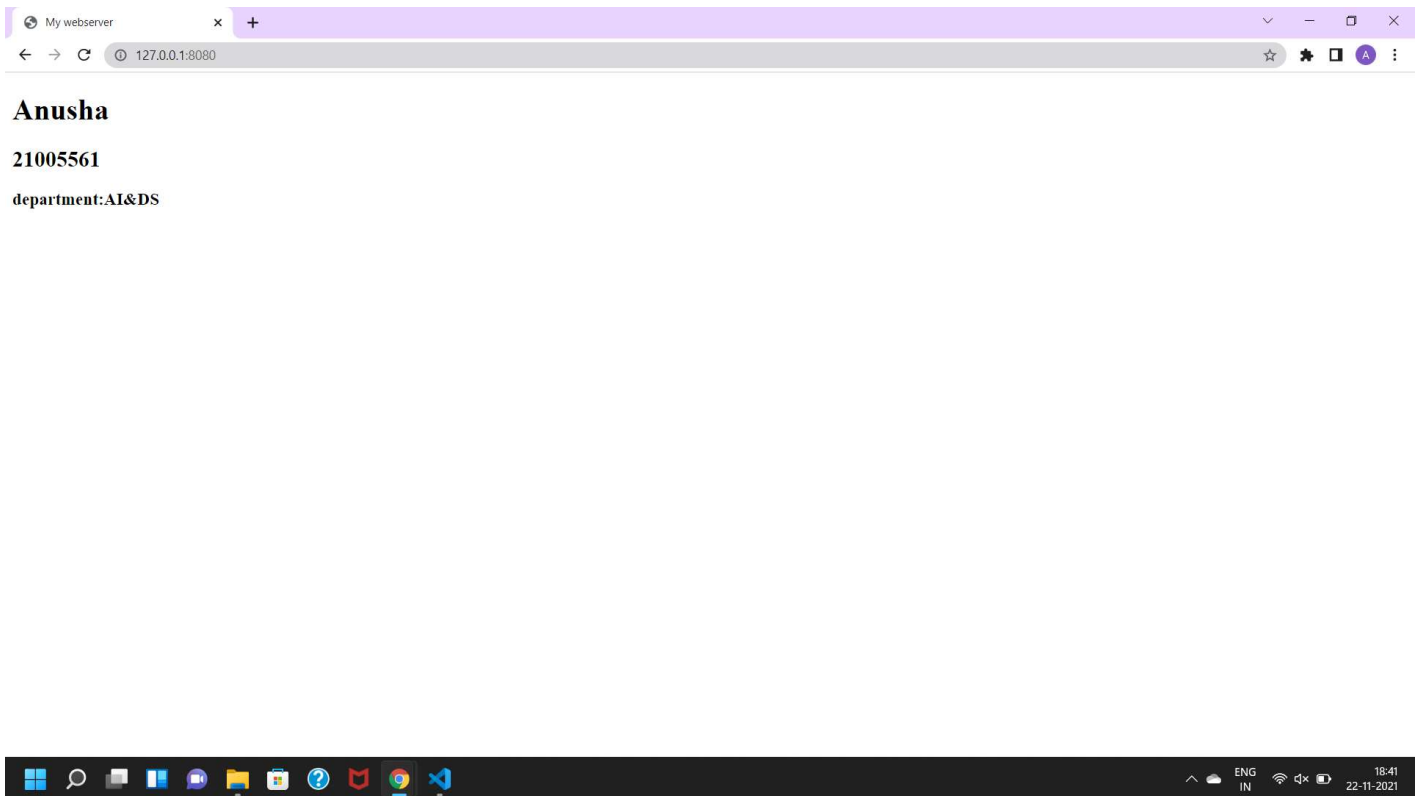
Testing the webserver

## ' PROGRAM:

```
from http.server import HTTPServer, BaseHTTPRequestHandler
content = """
<!DOCTYPE html>
<html>
<head>
<title>My webserver</title>
</head>
<body>
<h1>Anusha</h1>
<h2>21005561</h2>
<h3> department:AI&DS</h3>
</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:



## ' RESULT:

A simple webserver is created.