



```
Request URL: http://localhost:1337/HelloWorld.html
Request Method: GET
Status Code: 200
Remote Address: 127.0.0.1:1337
Referrer Policy: strict-origin-when-cross-origin
```

```
from socket import *
import threading

serverSocket = socket(AF_INET, SOCK_STREAM)

serverPort = 1337

serverSocket.bind(("127.0.0.1", serverPort))

serverSocket.listen(5)

def newClient(clientSocket, addr):
    try:
        message = clientSocket.recv(2048)

        filepath = message.split()[1]
        f = open(filepath[1:])
        outputdata = f.read()

        clientSocket.send("HTTP/1.1 200 \r\n".encode())
        response = outputdata + "\r\n"
        clientSocket.send(response.encode())

        clientSocket.close()

    except (IOError, IndexError):
        clientSocket.send("HTTP/1.1 404 \r\n".encode())
        clientSocket.send("<html><head></head><body><h1>404 Not Found</h1></body></html>\r\n".encode())

        clientSocket.close()

while True:
    print('Ready to serve...')
    connectionSocket, addr = serverSocket.accept()
    newThread = threading.Thread(target=newClient, args=(connectionSocket, addr))
    newThread.start()

serverSocket.close()
```