

```

1  #import socket module
2  from socket import *
3  serverSocket = socket(AF_INET, SOCK_STREAM)
4  #Prepare a sever socket
5  host = gethostname()
6  port = 3000
7  serverSocket.bind((host, port))
8  serverSocket.listen(1);
9  while True:
10     #Establish the connection
11     print 'Ready to serve...'
12     connectionSocket, addr = serverSocket.accept()
13     try:
14         message = connectionSocket.recv(1024)
15         filename = message.split()[1]
16         f = open(filename[1:])
17         outputdata = f.readlines()
18         #Send one HTTP header line into socket
19         connectionSocket.send('HTTP/1.1 200 OK\r\n\r\n')
20         #Send the content of the requested file to the client
21         for i in range(0, len(outputdata)):
22             connectionSocket.send(outputdata[i])
23         connectionSocket.close()
24     except IOError:
25         #Send response message for file not found
26         connectionSocket.send('HTTP/1.1 404 Not Found\r\n\r\n')
27         connectionSocket.send('<h1>404 Not Found</h1>')
28         #Close client socket
29         connectionSocket.close()
30

```

Hello World!

I'm a webpage!