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<https://github.com/DarkKeys7/CS380-EX8>

```
import java.io.*;
import java.net.*;
import java.nio.ByteBuffer;
import java.util.Scanner;

public class WebServer {
    public static void main(String[] args) throws IOException {
        ServerSocket serverSocket = new ServerSocket(8080);
        while (true) {
            Socket clientSocket = serverSocket.accept();
            InputStream is = clientSocket.getInputStream();
            BufferedReader br = new BufferedReader(new
            InputStreamReader(is));
            OutputStream os = clientSocket.getOutputStream();
            PrintWriter pw = new PrintWriter(os, true);

            String inString, fileName = "";
            while ((inString = br.readLine()) != null) {
                if (inString.length() == 0)
                    break;
                if (inString.substring(0,3).equals("GET")) {
                    String[] split = inString.split("\\s");
                    fileName = "www/" + split[1].substring(1);
                    //System.out.println(fileName);
                }
                System.out.println(inString);
            }
            try {
                File myFile = new File(fileName);
                pw.println("HTTP/1.1 200 OK");
                pw.println("Content-type: text/html");
                pw.println("Content-length: 124");
                pw.println();
                Scanner fr = new Scanner(myFile);
                while (fr.hasNextLine()) {
                    String newLine = fr.nextLine();
                    pw.println(newLine);
                }
                fr.close();
            } catch (Exception e) {
                pw.println("HTTP/1.1 404 Not Found");
                pw.println("Content-type: text/html");
            }
        }
    }
}
```

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        pw.println("Content-length: 126");
        pw.println();
        File errorCode = new File("www/404code.html");
        Scanner fr = new Scanner(errorCode);
        while (fr.hasNextLine()) {
            String newLine = fr.nextLine();
            pw.println(newLine);
        }
        fr.close();
        pw.close();
        os.close();
    }
}
}
```