

Assignment on Making Http Web Server

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```
import java.io.IOException;
import java.io.OutputStream;
import java.net.InetSocketAddress;
import java.io.InputStream;
import java.io.BufferedReader;
import java.io.FileReader;
import java.lang.String;
import java.io.File;

import com.sun.net.httpserver.HttpExchange;
import com.sun.net.httpserver.HttpHandler;
import com.sun.net.httpserver.HttpServer;

public class WebServer
{
    public static void main(String [] args) throws Exception
    {
        HttpServer server = HttpServer.create(new InetSocketAddress(8000), 0);
        server.createContext("/test", new MyHandler());
        server.start();
    }

    static class MyHandler implements HttpHandler
    {
        @Override
        public void handle(HttpExchange t) throws IOException
        {
            String response = "This is the response";
            t.sendResponseHeaders(200, response.length());
            OutputStream os = t.getResponseBody();
            String uri = "" + t.getRequestURI();
            File file = new File(uri);
            FileReader fileReader = new FileReader(file);
            BufferedReader bufferReader = new BufferedReader(fileReader);
            String line;
            while((line = bufferReader.readLine()) != null)
            {
                os.write(line.getBytes());
            }
        }
    }
}
```

```
    }  
    os.close();  
  }  
}
```