

## Tutorial 04

Answer all questions.

- 1) Create a new JAVA web project in NetBeans and print all the headers from a get request with the help of Java servlets and jsp. Display it in the given format.

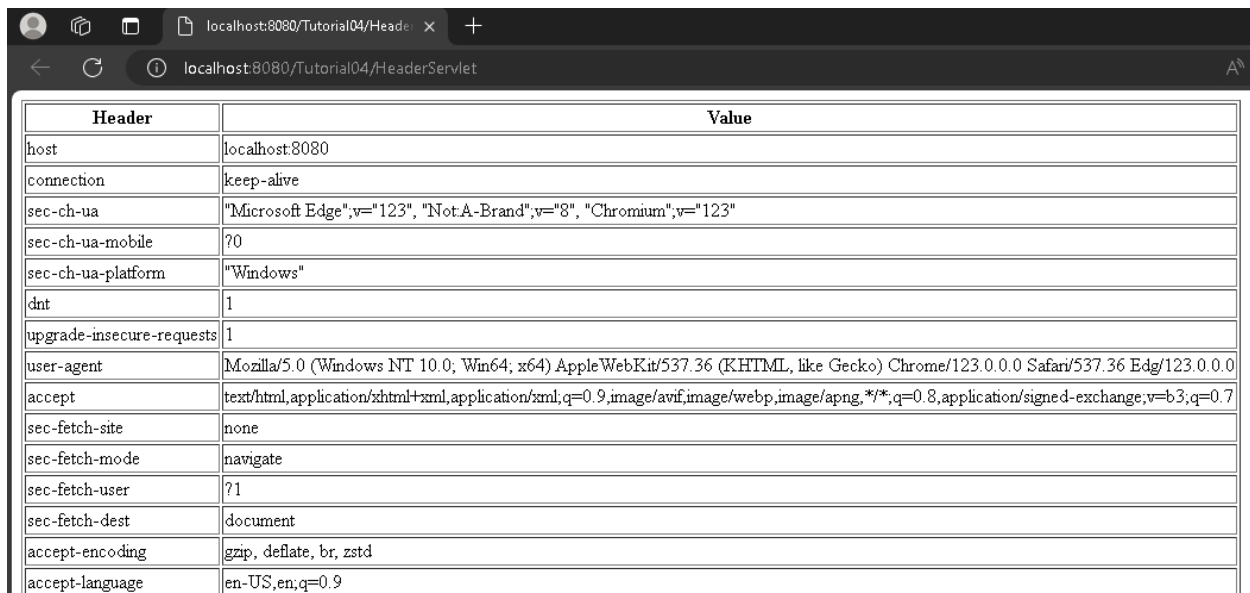
index.jsp

```
<!DOCTYPE html>
<html>
  <head>
    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
    <title>JSP Page</title>
  </head>
  <body>
    <form action="HeaderServlet" method="post">
      <table border="1">
        <thead>
          <tr>
            <th>Header Name</th>
            <th>Value</th>
          </tr>
        </thead>
        <tbody>
          <tr>
            <td></td>
            <td></td>
          </tr>
          <tr>
            <td></td>
            <td></td>
          </tr>
        </tbody>
      </table>
    </form>
  </body>
</html>
```

## HeaderServlet.java

```
@Override
protected void doGet(HttpServletRequest request, HttpServletResponse response)
    throws ServletException, IOException {
    PrintWriter out =response.getWriter();
    Enumeration e =request.getHeaderNames();
    out.println("<table border=1><th>Header<th>Value");
    while(e.hasMoreElements())
    {
        String headername=(String)e.nextElement();
        out.println("<tr><td>" +headername+"</td>");
        out.println("<td>" +request.getHeader(headername)+"</td></tr>");
    }
    out.println("</table>");
    //processRequest(request, response);
}
```

## Output



Header	Value
host	localhost:8080
connection	keep-alive
sec-ch-ua	"Microsoft Edge",v="123", "Not.A-Brand",v="8", "Chromium",v="123"
sec-ch-ua-mobile	?0
sec-ch-ua-platform	"Windows"
dnt	1
upgrade-insecure-requests	1
user-agent	Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/123.0.0.0 Safari/537.36 Edg/123.0.0.0
accept	text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
sec-fetch-site	none
sec-fetch-mode	navigate
sec-fetch-user	?1
sec-fetch-dest	document
accept-encoding	gzip, deflate, br, zstd
accept-language	en-US,en;q=0.9