

## LAB – 8

18MIS7250

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### Servlet Sessions

Index.html

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<meta charset="ISO-8859-1">
```

```
<title>Insert title here</title>
```

```
</head>
```

```
<body>
```

```
<h2 style="text-align:center">LOGIN</h2><br>
```

```
<form action='login' method='post' >
```

```
<div style="padding-left:600px;">
```

```
<label>Username</label>
```

```
<input type="text" name="uname" style="height:30px;width:300px;" /><br>
```

```
<input type=submit value=login style="height:30px;width:100px;margin-top:50px;background-color:cyan" />
```

```
</form>
```

```
</div>
```

```
</body>
```

```
</html>
```

Login.java

```
import java.io.IOException;

import java.io.PrintWriter;


import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

import javax.servlet.http.HttpSession;


/**
 * Servlet implementation class Login1
 */
@WebServlet("/Login1")

public class Login1 extends HttpServlet {

    private static final long serialVersionUID = 1L;


    /**
     * @see HttpServlet#HttpServlet()
     */
    public Login1() {

        super();

        // TODO Auto-generated constructor stub
```

```
}
```

```
/**
```

```
* @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)
```

```
*/
```

```
protected void doPost(HttpServletRequest request, HttpServletResponse response) throws  
ServletException, IOException {
```

```
// TODO Auto-generated method stub
```

```
response.getWriter().append("Served at: ").append(request.getContextPath());
```

```
String uname=request.getParameter("nme");
```

```
response.setContentType("text/html;charset=ISO-8859-1");
```

```
HttpSession session1=request.getSession(true);
```

```
session1.setAttribute("user",uname);
```

```
try(PrintWriter out = response.getWriter()) {
```

```
out.println("<!DOCTYPE html>");
```

```
out.println("<html>");
```

```
out.println("<head>");
```

```
out.println("<title>Login</title>");
```

```
out.println("</head>");
```

```
out.println("<body>");
```

```
out.println("<h1> Welcome " +uname + "</h1>");
```

```
out.println("<h2>books</h2>");
```

```
out.println("<form action='cart' method='POST'>");
```

```
out.println("<SELECT size='5' name='book' multiple>");
```

```
out.println("<option value='1'>JAVA</option>");
out.println("<option value='2'>let Us</option>");
out.println("<option value='3'>Oracle</option>");
out.println("<option value='4'>HeadFirstJava</option>");
out.println("<option value='5'>Basics JAVA</option>");
out.println("</SELECT>");
out.println("<input type= submit value=ADDCART>");
out.println("</form>");
out.println("</body>");
out.println("</html>");

}

}
```

Cart.java

```
import java.io.IOException;
import java.io.PrintWriter;

import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
```

```
import javax.servlet.http.HttpSession;
```

```
@WebServlet("/CartServlet")
```

```
public class CartServlet extends HttpServlet {
```

```
    private static final long serialVersionUID = 1L;
```

```
    public CartServlet() {
```

```
        super();
```

```
        // TODO Auto-generated constructor stub
```

```
    }
```

```
    protected void processRequest(HttpServletRequest request, HttpServletResponse  
response) throws ServletException, IOException {
```

```
        // TODO Auto-generated method stub
```

```
        response.setContentType("text/html;charset=UTF-8");
```

```
        String user=null;
```

```
        HttpSession session=request.getSession();
```

```
        String bk[]=request.getParameterValues("book");
```

```
        String book=null;
```

```
        try(PrintWriter out=response.getWriter()){
```

```
            out.println("<!DOCTYPE html>");
```

```
out.println("<html>");

out.println("<head>");

out.println("<title>Servlet CartServlet</title>");

out.println("</head>");

out.println("<body>");


out.println("<h2>Thank you "+user+ "</h2><br>");

out.println("<h2> You have selected the following books</h2><br>");

for(int b=0;b<bk.length;b++)
{
    switch(Integer.parseInt(bk[b]))
    {
        case 1:
            book="JAVA";
            break;

        case 2:
            book="Oracle";
            break;

        case 3:
            book="lets us";
            break;

        case 4:
            book="Basics JAVA";
            break;
```

```
    }  
    out.println("<h3>" + book + "</h3><br>");  
}  
out.println("<a href='logout'>logout</a>");  
  
out.println("</body>");  
out.println("</html>");  
}}}
```

Logout.java

```
import java.io.*;  
import javax.servlet.*;  
import javax.servlet.http.*;  
  
public class logout extends HttpServlet {  
    public void doGet(HttpServletRequest request, HttpServletResponse response){  
        try{  
  
            response.setContentType("text/html");  
            PrintWriter out = response.getWriter();  
  
            HttpSession session=request.getSession();
```

```
session.invalidate();
```

```
out.println("<a href='index.html'>visit</a>");
```

```
out.close();
```

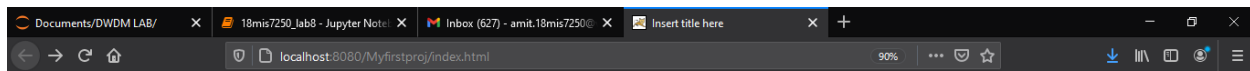
```
    }catch(Exception e){System.out.println(e);}
```

```
}
```

```
}
```

**OUTPUT:**





## LOGIN

Username

login



## Welcome Amit

### books

JAVA

let Us

Oracle

HeadFirstJava

Basics JAVA

ADDCART



---

**Thank You Amit**

**You have selected following books**

**JAVA**

**Basics JAVA**

[logout](#)

---

**You have been logged out successfully!!**