Week 8

Aim: To create a basis login page using JSP,Servlet and Tomcat server on Eclipse IDE

Code:

LoginCheck.java

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

/**
 * Servlet implementation class LoginCheck
 */
@WebServlet("/LoginCheck")
public class LoginCheck extends HttpServlet {
        private static final long serialVersionUID = 1L;

    /**
     * @see HttpServlet#HttpServlet()
     */
    public LoginCheck() {
        super();
        // TODO Auto-generated constructor stub
    }

        /**
         * @see HttpServlet#doGet(HttpServletRequest request,
HttpServletResponse response)
         */
        protected void doGet(HttpServletRequest request, HttpServletResponse
response) throws ServletException, IOException {
                // TODO Auto-generated method stub
                response.getWriter().append("Served at:
").append(request.getContextPath());
        }

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

```java
        protected void doPost(HttpServletRequest request, HttpServletResponse
response) throws ServletException, IOException {
                String name=request.getParameter("uname");
                String password=request.getParameter("password");
                if(name.equals("java")&& password.equals("1234"))
                {
                        response.sendRedirect("welcome.jsp");
                }
                else
                {
                        response.sendRedirect("error.jsp");
                }
        }
}
```

Login.jsp

```jsp
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
    <form action="LoginCheck" method="post">
        <table>
            <tr>
                <td>User Name</td>
                <td><input type="text" name="uname"></td>
            </tr>
            <tr>
                <td>Password</td>
                <td><input type="password" name="password"></td>
            </tr>
            <tr>
                <td></td>
                <td><input type="submit" value="login"></td>
            </tr>
        </table>
    </form>
    >
</body>
</html>
```

Welcome.jsp
```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<h1>welcome</h1>
</body>
</html>
```

error.jsp
```
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<h1>error</h1>
</body>
</html>
```

Output:

File   Edit   Navigate   Search   Project   Run   Window   Help

Project Explorer

- first
  - Deployment Descriptor: first
  - JAX-WS Web Services
    - Service Endpoint Interfaces
    - Web Services
  - Java Resources
    - src
      - (default package)
    - Libraries
  - Referenced Libraries
  - build
  - WebContent
    - META-INF
    - WEB-INF
    - error.jsp
    - first.html
    - login.jsp
    - style.css
    - welcome.jsp
  - Servers

login.jsp   LoginCheck.java   welcome.jsp   error.jsp   hello.java   http://localhost:8080/first/hello   Insert title here

http://localhost:8080/first/welcome.jsp

welcome

Done