Week-8

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

Code:

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

  /**
   * @see HttpServlet#HttpServlet()
   */
      protected void doPost(HttpServletRequest request, HttpServletResponse
response) throws ServletException, IOException {
              String uname = request.getParameter("uname");
              String passcode = request.getParameter("passcode");
              if (uname.isEmpty() || passcode.isEmpty() ) {
                    response.sendRedirect("Login.jsp");
              }
              else if (uname.equals("Akankshya") &&
passcode.equals("123456")) {
                    response.sendRedirect("Loggedin.jsp");
              }
```

```
                else {
                        response.sendRedirect("Error.jsp");
                }
        }

}
```

Login.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>Login</title>
<link rel="stylesheet" href="style.css" type="text/css"></link>
<script src="validate.js"></script>
</head>
<body>
        <form method="post" action="CheckLogin">
                <table>
                        <tr>
                                <td>UserName:</td>
                                <td><input type="text" name="uname"
class="inputbox"/></td>
                        </tr>
                        <tr>
                                <td>Passcode:</td>
                                <td><input type="password" name="passcode"
class="inputbox"/></td>
                        </tr>
                        <tr>
                                <td></td>
                                <td><input type="submit" value="Submit"
class="submitButton"/></td>
                        </tr>
```

```
            </table>
        </form>
</body>
</html>
```

Loggedin.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>Loggedin</title>
<style>
body{
background-color: #CCCCCC;
}
</style>
</head>
<body>
Welcome User!
</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>Error</title>
<style>
body{
background-color: #CCCCCC;
```

```
}
</style>
</head>
<body>
Unsuccessful login
</body>
</html>
```

style.css

```css
@charset "ISO-8859-1";
body{
 background-color: #CCCCCC;
 border: 2px solid #009900;
 height: 130px;
 width: 300px;
 margin-left: 15px;
 padding-left:5px;
 padding-right:5px;
}

.inputbox {
 background-color:#FFFFFF;
 color: #333333;
 width:150px;
 border-width:1px;
 border-style:solid;
 border-color:#808080;
}

.inputbox:hover {
 border-width:1px;
 border-style:solid;
 border-color:#11A3EA;
}

.inputbox:focus {
```

```css
  border-width:1px;
  border-style:solid;
  border-color:#11A3EA;
  color: #0F4987;
}

.submitButton {
  background-color: #ffffff;
  color: #000000;
  background: #ffffff;
  border: 1px solid #cccccc;
  text-align: center;
  width: auto;
  padding: 2px 3px 2px 3px;
}
```

Output: