Q1)

```jsp
5  <%
6      String usernameOrEmail = "";
7      Cookie[] cookies = request.getCookies();
8      if (cookies != null) {
9          for (Cookie cookie : cookies) {
10             if ("usernameOrEmail".equals(cookie.getName())) {
11                 usernameOrEmail = cookie.getValue();
12                 break;
13             }
14         }
15     }
16 %>
17 <!DOCTYPE html>
18 <html lang="en">
19 <head>
20     <meta charset="UTF-8">
21     <meta name="viewport" content="width=device-width, initial-scale=1.0">
22     <title>Username/Email Form</title>
23 </head>
24 <body>
25     <h1>Enter your Username or Email</h1>
26     <form action="StoreValueServlet" method="POST">
27         <label for="userInput">Username/Email:</label>
28         <input type="text" id="userInput" name="userInput" value="<%= usernameOrEmail %>">
29         <button type="submit">Submit</button>
30     </form>
```

```java
1  package works;
2
3  import java.io.IOException;
4  import java.io.PrintWriter;
5  import javax.servlet.ServletException;
6  import javax.servlet.annotation.WebServlet;
7  import javax.servlet.http.Cookie;
8  import javax.servlet.http.HttpServlet;
9  import javax.servlet.http.HttpServletRequest;
10 import javax.servlet.http.HttpServletResponse;
11
12 @WebServlet("/StoreValueServlet")
13 public class StoreValueServlet extends HttpServlet {
14     protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOEx
15         String usernameOrEmail = "";
16
17         // Retrieve the cookie value if it exists
18         Cookie[] cookies = request.getCookies();
19         if (cookies != null) {
20             for (Cookie cookie : cookies) {
21                 if ("usernameOrEmail".equals(cookie.getName())) {
22                     usernameOrEmail = cookie.getValue();
23                     break;
24                 }
25             }
26         }
27
```

Enter your Username or Email

Username/Email: saidi | Submit