

PRACTICAL 8

Aim :

Explain the concept of cookies using JavaServer Pages (JSP).

Explanation :

We are creating cookies of username and email and adding age to the cookie for 10 hours and trying to get the variable names in **Action_cookie_main.jsp**.

When we execute the **Action_cookie.jsp**, we get two fields that is username and email and we input details and then we click on **Submit** button.

We get the output from **Action_cookie_main.jsp** where variables are stored in the cookies on the client side and the details are shown on the page.

Code :

Action_cookie.jsp file

```
<%@ page language = "java" contentType = "text/html;
    charset = ISO-8859-1"
    pageEncoding = "ISO-8859-1"
%>
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<meta http-equiv = "Content-Type" content = "text/html;
    charset = ISO-8859-1">
<title>Aftab Cookie</title>
</head>
<body>
<form action = "Action_cookie_main.jsp" method = "GET">
Username : <input type = "text" name = "username">
<br />
Email : <input type = "text" name = "email" />
<input type = "submit" value = "Submit" />
</form>
</body>
</html>
```

Code :

Action_cookie_main.jsp file

```
<%@ page language = "java" contentType = "text/html;
    charset = ISO-8859-1"
    pageEncoding = "ISO-8859-1"
%>

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">

<%
    Cookie username = new Cookie("username", request.getParameter
    ("username"));
    Cookie email = new Cookie("email", request.getParameter("email"));
    username.setMaxAge(60*60*10);
    email.setMaxAge(60*60*10);
    response.addCookie( username );
    response.addCookie( email );
%>

<html>
<head>
<meta http-equiv = "Content-Type" content = "text/html;
    charset=ISO-8859-1">

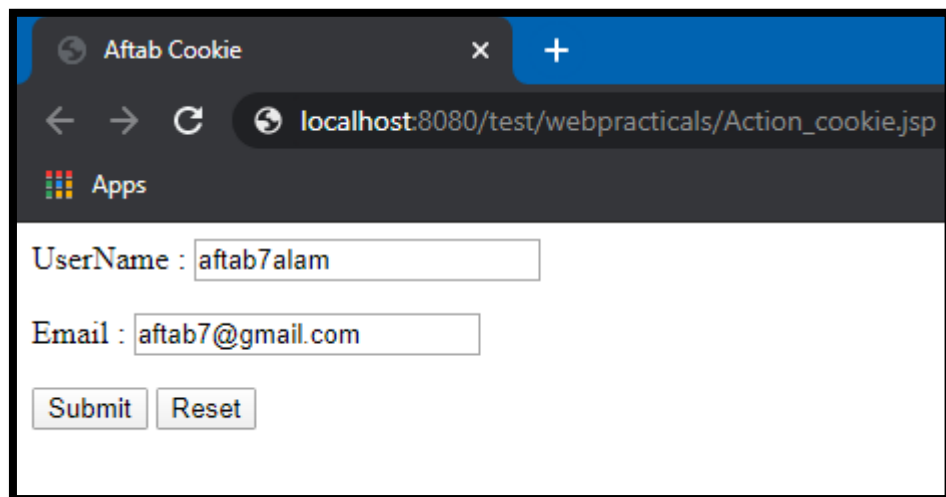
<title>Aftab Cookie JSP</title>
</head>

<body>
<b>Username : </b>
    <% = request.getParameter("username") %>
<b>Email : </b>
    <% = request.getParameter("email") %>

</body>
</html>
```

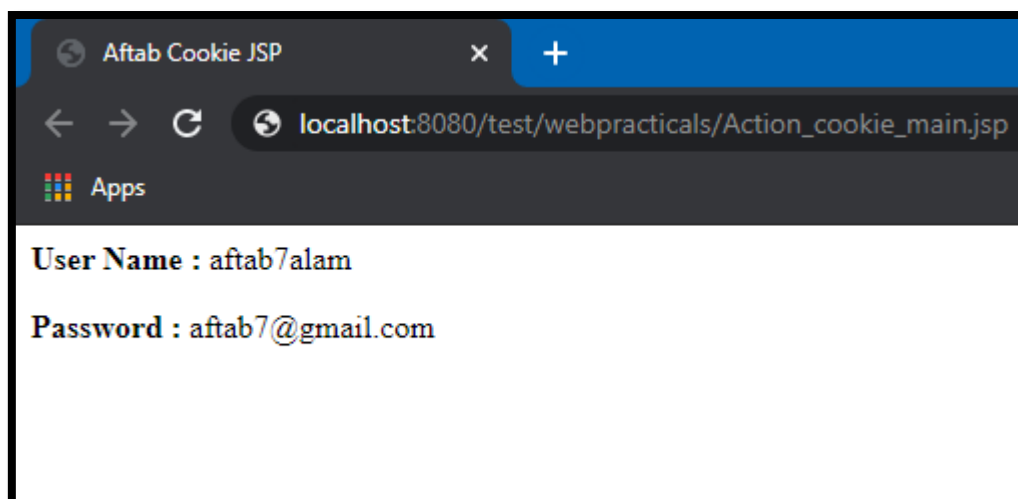
Screen Shots :

After Executing Action_cookie.jsp file



A screenshot of a web browser window titled "Aftab Cookie". The address bar shows "localhost:8080/test/webpracticals/Action_cookie.jsp". The page content includes two input fields: "UserName : aftab7alam" and "Email : aftab7@gmail.com". Below these fields are two buttons: "Submit" and "Reset".

After executing Action_cookie_main.jsp file



A screenshot of a web browser window titled "Aftab Cookie JSP". The address bar shows "localhost:8080/test/webpracticals/Action_cookie_main.jsp". The page content displays the values: "User Name : aftab7alam" and "Password : aftab7@gmail.com".