EXPERIMENT 7

OUTPUT –

localhost:8080/CookieApp/preferences.html

Select Your Preferences

Theme: Light

Language: English

Save Preferences

localhost:8080/CookieApp/preferences

Your Saved Preferences

Theme: Light

Language: English

Change Preferences

Select Your Preferences

Theme: Dark
Language: Tamil

Save Preferences

Your Saved Preferences

Theme: Dark

Language: Tamil

Change Preferences

PROGRAMS –

```html
<!DOCTYPE html>
<html>
<head>
    <title>User Preferences</title>
</head>
<body>

    <h2>Select Your Preferences</h2>

    <form action="preferences" method="post">

        Theme:
        <select name="theme">
            <option value="Light">Light</option>
            <option value="Dark">Dark</option>
        </select>

        <br><br>

        Language:
        <select name="language">
            <option value="English">English</option>
            <option value="Tamil">Tamil</option>
            <option value="Hindi">Hindi</option>
        </select>

        <br><br>
```
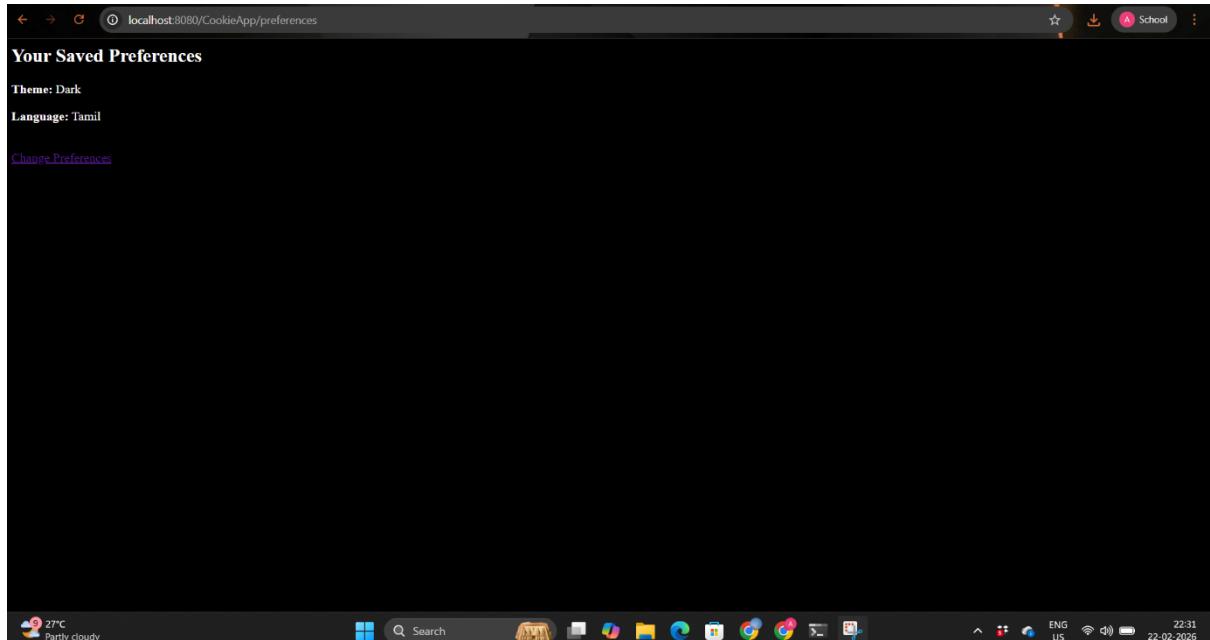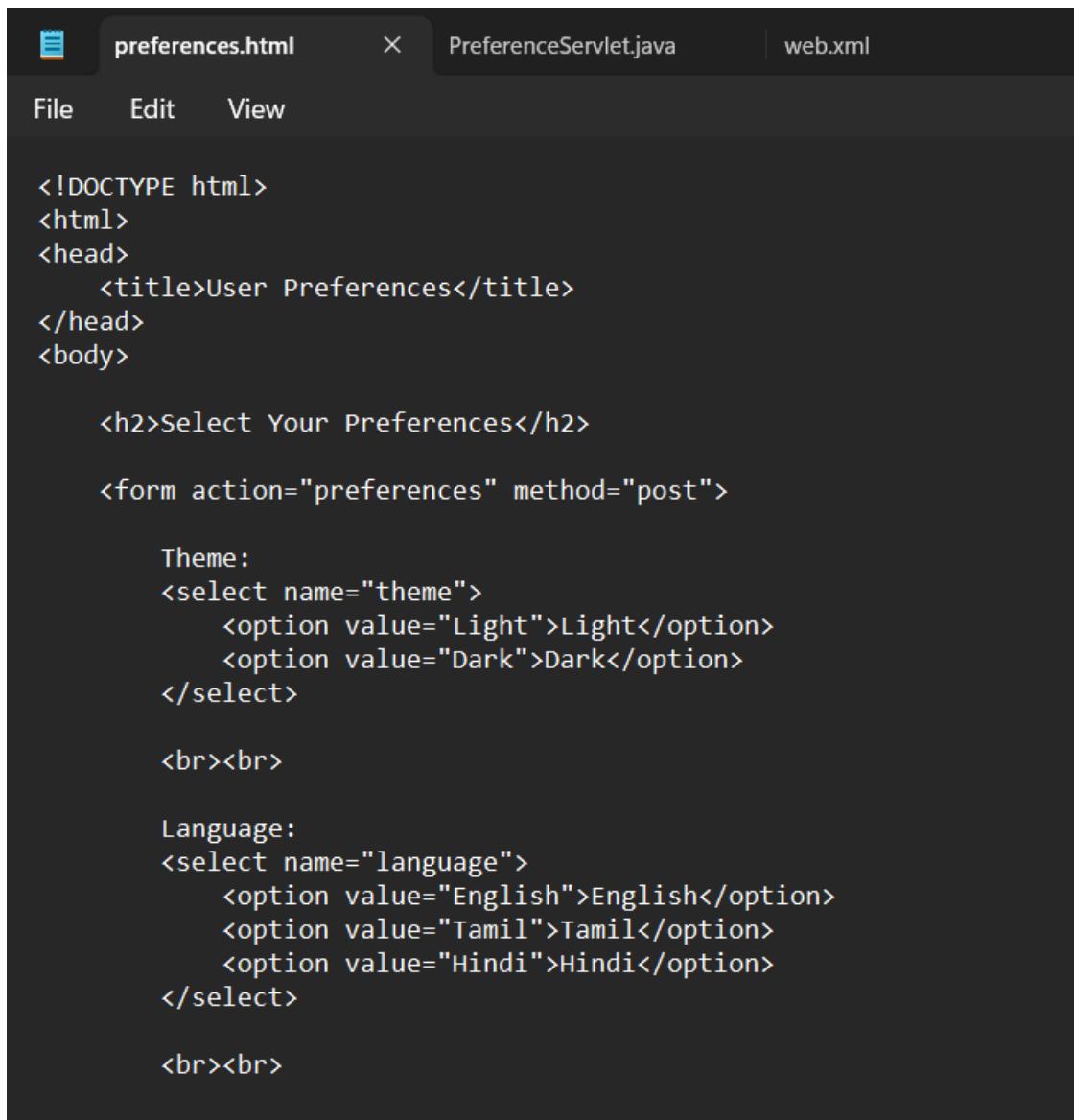
```java
            if (c.getName().equals("language")) {
                language = c.getValue();
            }
        }
    }

    response.setContentType("text/html");
    PrintWriter out = response.getWriter();

    String bgColor = "white";
    String textColor = "black";

    if (theme.equals("Dark")) {
        bgColor = "black";
        textColor = "white";
    }

    out.println("<html>");
    out.println("<body style='background-color:" + bgColor + "; color:" + textColor + ";'>");

    out.println("<h2>Your Saved Preferences</h2>");
    out.println("<p><strong>Theme:</strong> " + theme + "</p>");
    out.println("<p><strong>Language:</strong> " + language + "</p>");
    out.println("<br>");
    out.println("<a href='preferences.html'>Change Preferences</a>");

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

```xml
<?xml version="1.0" encoding="UTF-8"?>

<web-app xmlns="http://xmlns.jcp.org/xml/ns/javaee"
        version="3.1">

    <display-name>Cookie Preferences App</display-name>

    <servlet>
        <servlet-name>PreferenceServlet</servlet-name>
        <servlet-class>com.example.cookies.PreferenceServlet</servlet-class>
    </servlet>

    <servlet-mapping>
        <servlet-name>PreferenceServlet</servlet-name>
        <url-pattern>/preferences</url-pattern>
    </servlet-mapping>

</web-app>
```