

eclipse-workspace - Main0121/src/main/webapp/index.html - Eclipse IDE

File Edit Source Navigate Search Project Run Window Help

Project Explorer X

- > Main0121 (in Main 1) [Diploma 5th Semester main]
- > Main0122 (in Main 1) [Diploma 5th Semester main]
- > Main0221 (in Main 2) [Diploma 5th Semester main]
- > Main0222 (in Main 2) [Diploma 5th Semester main]
- > Main1 (in Main 1) [Diploma 5th Semester main]
- > Main2 (in Main 2) [Diploma 5th Semester main]
- > Question0121 (in Question No. 01) [Diploma 5th Semester main]
- > Question0122 (in Question No. 01) [Diploma 5th Semester main]
- > Question0221 (in Question No. 02) [Diploma 5th Semester main]
- > Question0222 (in Question No. 02) [Diploma 5th Semester main]
- > QuestionNo01 (in Question No. 01) [Diploma 5th Semester main]
- > QuestionNo02 (in Question No. 02) [Diploma 5th Semester main]

Hello.java index.html web.xml

```
1 <!DOCTYPE html>
2<html>
3<head>
4 <meta charset="UTF-8">
5 <title>Insert title here</title>
6 </head>
7<body>
8<form action="login" method="post">
9 <input type="submit" value="Click"/>
10 </form>
11 </body>
12 </html>
```

Writable Smart Insert 12:8:212

14°C Mostly clear

Smart Insert

ENG US 04:52 09-12-2022

eclipse-workspace - Main0121/src/main/java/com/main1/Hello.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Project Explorer X

- > Main0121 (in Main 1) [Diploma 5th Semester main]
- > Main0122 (in Main 1) [Diploma 5th Semester main]
- > Main0221 (in Main 2) [Diploma 5th Semester main]
- > Main0222 (in Main 2) [Diploma 5th Semester main]
- > Main1 (in Main 1) [Diploma 5th Semester main]
- > Main2 (in Main 2) [Diploma 5th Semester main]
- > Question0121 (in Question No. 01) [Diploma 5th Semester main]
- > Question0122 (in Question No. 01) [Diploma 5th Semester main]
- > Question0221 (in Question No. 02) [Diploma 5th Semester main]
- > Question0222 (in Question No. 02) [Diploma 5th Semester main]
- > QuestionNo01 (in Question No. 01) [Diploma 5th Semester main]
- > QuestionNo02 (in Question No. 02) [Diploma 5th Semester main]

Hello.java index.html web.xml

```
1 package com.main1;
2
3import jakarta.servlet.http.*;
4
5public class Hello extends HttpServlet{
6    public void doPost(HttpServletRequest request, HttpServletResponse response) throws IOException {
7        PrintWriter out = response.getWriter();
8        out.print("<b>Welcome at Maharashtra State Board Of Technical Education !</b>");
9        out.close();
10    }
11
12}
13
14}
```

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14°C Mostly clear

Smart Insert

ENG US 04:52 09-12-2022

eclipse-workspace - Main0121/src/main/webapp/WEB-INF/web.xml - Eclipse IDE

File Edit Source Navigate Search Project Run Window Help

Project Explorer X

Hello.java index.html web.xml

```
1 <?xml version="1.0" encoding="UTF-8"?>
2<web-app>
3<servlet>
4   <servlet-name>Servlet6</servlet-name>
5   <servlet-class>com.main1.Hello</servlet-class>
6 </servlet>
7
8<servlet-mapping>
9   <servlet-name>Servlet6</servlet-name>
10  <url-pattern>/login</url-pattern>
11 </servlet-mapping>
12
13
14 </web-app>
```

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14°C Mostly clear 04:52 09-12-2022 ENG US



eclipse-workspace - Main0221/src/main/webapp/index.html - Eclipse IDE

File Edit Source Search Project Run Window Help

Project Explorer X

> Main0221 (in Main 1) [Diploma 5th Semester main]
> Main0122 (in Main 1) [Diploma 5th Semester main]
v Main0221 (in Main 2) [Diploma 5th Semester main]
> Deployment Descriptor: Main0221
> JAX-WS Web Services
v Java Resources
v src > src/main/java
v src > com.main02
v src > PostParametersServlet.java
v build
v src > main
v src > java
v src > com
v src > main02
v src > PostParametersServlet.java
v webapp
v META-INF
v WEB-INF
v lib
v web.xml
v index.html

PostParametersServlet.java index.html web.xml

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <meta charset="UTF-8">
5 <title>Insert title here</title>
6 </head>
7 <body>
8 <center>
9 <form name="Form1" method = "post" action="postparameterservlet1">
10 <table>
11 <tr>
12 <td><b>Employee</b></td>
13 <td><input type="textbox" name="e" size="25" value=""></td>
14 </tr>
15 <tr>
16 <td><b>Phone</b></td>
17 <td><input type="textbox" name="e" size="25" value=""></td>
18 </tr>
19 </table>
20 <input type="submit" value="Submit">
21 </form>
22 </center>
23 </body>
24 </html>
```

Writable Smart Insert 26:8:522

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eclipse-workspace - Main0221/src/main/java/com/main02/PostParametersServlet.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Project Explorer X

> Main0221 (in Main 1) [Diploma 5th Semester main]
> Main0122 (in Main 1) [Diploma 5th Semester main]
v Main0221 (in Main 2) [Diploma 5th Semester main]
> Deployment Descriptor: Main0221
> JAX-WS Web Services
v Java Resources
v src > src/main/java
v src > com.main02
v src > PostParametersServlet.java
v build
v src > main
v src > java
v src > com
v src > main02
v src > PostParametersServlet.java
v webapp
v META-INF
v WEB-INF
v lib
v web.xml
v index.html

PostParametersServlet.java index.html web.xml

```
1 package com.main02;
2
3 import java.io.IOException;
4
5 public class PostParametersServlet extends GenericServlet{
6
7     @Override
8     public void service(ServletRequest request, ServletResponse response) throws ServletException, IOException {
9         PrintWriter pw = response.getWriter();
10        Enumeration e = request.getParameterNames();
11        while(e.hasMoreElements()){
12            String pname = (String)e.nextElement();
13            pw.print(pname + "\n");
14            String pvalue = request.getParameter(pname);
15            pw.println(pvalue);
16        }
17        pw.close();
18    }
19
20 }
```

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eclipse-workspace - Main0221/src/main/webapp/WEB-INF/web.xml - Eclipse IDE

File Edit Source Search Project Run Window Help

Project Explorer X PostParametersServlet.java index.html web.xml X

PostParametersServlet.java index.html web.xml X

```
1 <?xml version="1.0" encoding="UTF-8"?>
2<web-app>
3@    <servlet>
4        <servlet-name>Servlet6</servlet-name>
5        <servlet-class>com.main02.PostParametersServlet</servlet-class>
6    </servlet>
7
8@    <servlet-mapping>
9        <servlet-name>Servlet6</servlet-name>
10       <url-pattern>/postparameterservlet</url-pattern>
11    </servlet-mapping>
12
13
14 </web-app>
```

Design Source Writable Smart Insert 1:1:0

14°C Mostly clear 04:56 09-12-2022





e=suraj



A screenshot of the Eclipse IDE interface. The title bar says 'eclipse-workspace - Question0121/src/main/webapp/index.html - Eclipse IDE'. The left side shows the 'Project Explorer' view with multiple Java projects and files. The right side shows the 'index.html' file in the editor, containing the following HTML code:

eclipse-workspace - Question0121/src/main/java/com/Question1/Hello.java - Eclipse IDE

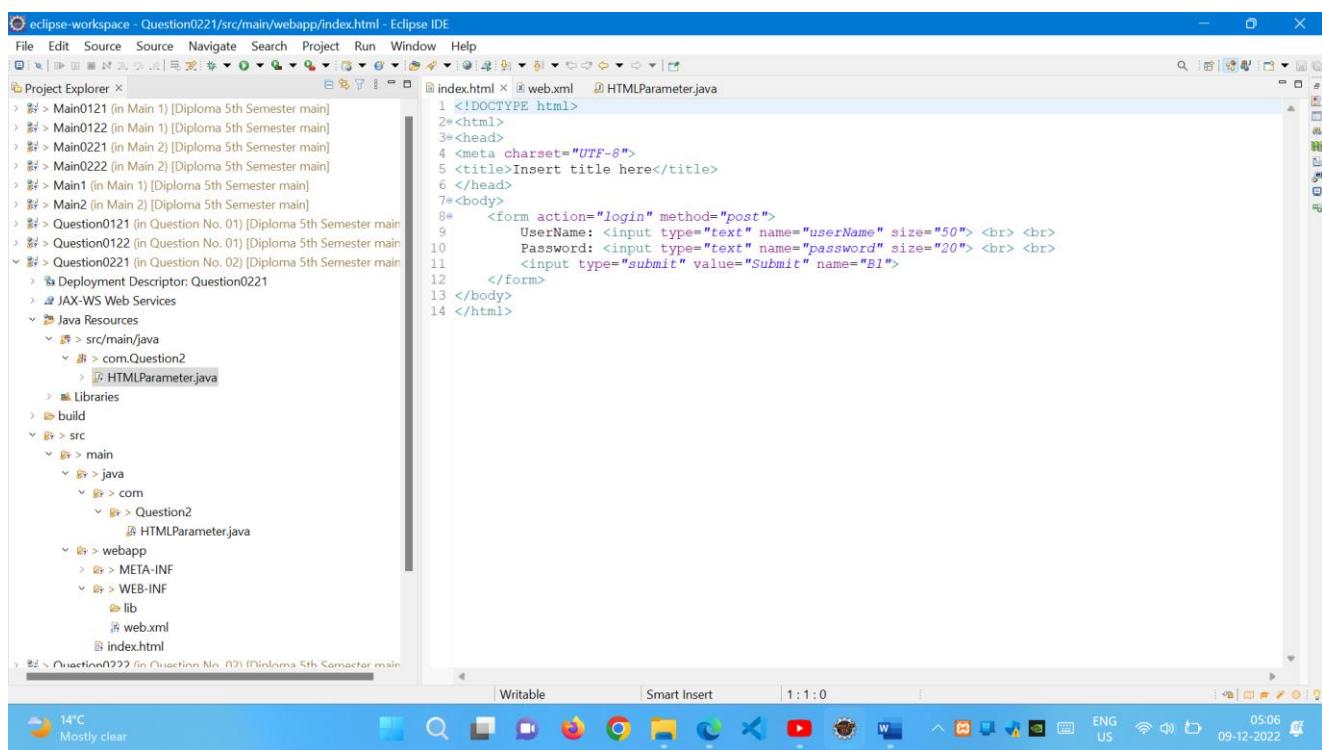
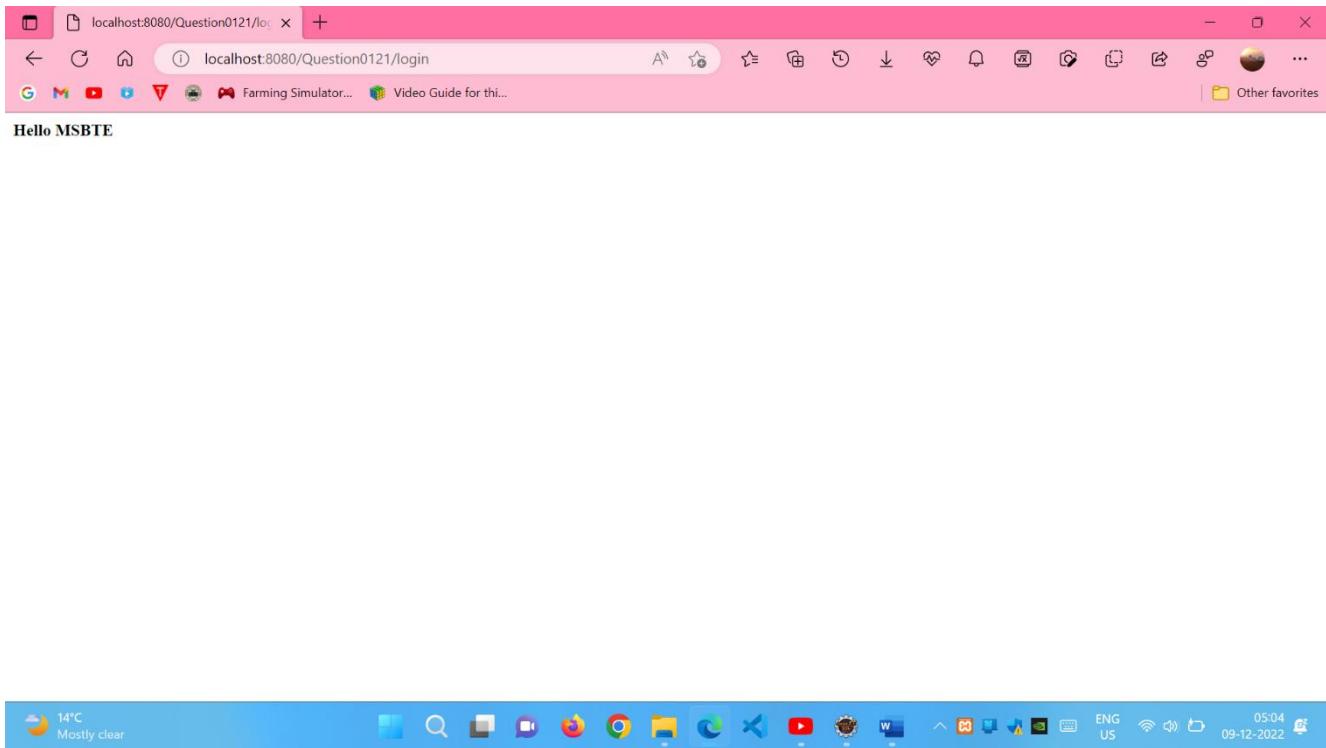
```
File Edit Source Refactor Navigate Search Project Run Window Help
Project Explorer X Hello.java web.xml index.html
1 package com.Question1;
2
3*import java.io.IOException;
4
5 public class Hello extends HttpServlet{
6     public void doPost(HttpServletRequest request, HttpServletResponse response) throws IOException
7     {
8         PrintWriter out = response.getWriter();
9         out.print("<b>Hello MSBTE</b>");
10        out.close();
11    }
12}
13
14
15
16}
17
```

14°C Mostly clear 17 : 1 : 367 ENG US 05:03 09-12-2022

eclipse-workspace - Question0121/src/main/webapp/WEB-INF/web.xml - Eclipse IDE

```
File Edit Source Source Navigate Search Project Run Window Help
Project Explorer X Hello.java web.xml index.html
1 <?xml version="1.0" encoding="UTF-8"?>
2 <web-app>
3     <servlet>
4         <servlet-name>Servlet6</servlet-name>
5         <servlet-class>com.Question1.Hello</servlet-class>
6     </servlet>
7
8     <servlet-mapping>
9         <servlet-name>Servlet6</servlet-name>
10        <url-pattern>/login</url-pattern>
11    </servlet-mapping>
12
13
14 </web-app>
```

14°C Mostly clear 13 : 5 : 296 ENG US 05:03 09-12-2022



The screenshot shows the Eclipse IDE interface with the following details:

- Title Bar:** eclipse-workspace - Question0221/src/main/java/com/Question2/HTMLParameter.java - Eclipse IDE
- Menu Bar:** File Edit Source Refactor Navigate Search Project Run Window Help
- Project Explorer View (Left):** Shows the project structure:
 - Main0121 [in Main 1] [Diploma 5th Semester main]
 - Main0122 [in Main 1] [Diploma 5th Semester main]
 - Main0221 [in Main 2] [Diploma 5th Semester main]
 - Main0222 [in Main 2] [Diploma 5th Semester main]
 - Main1 [in Main 1] [Diploma 5th Semester main]
 - Main2 [in Main 2] [Diploma 5th Semester main]
 - Question0121 [Question No. 01] [Diploma 5th Semester main]
 - Question0122 [Question No. 01] [Diploma 5th Semester main]
 - Question0221 [Question No. 02] [Diploma 5th Semester main]
 - Deployment Descriptor: Question0221
 - JAX-WS Web Services
 - Java Resources
 - src/main/java
 - com.Question2
 - HTMLParameter.java
 - Libraries
 - build
 - src
 - main
 - java
 - com
 - Question2
 - HTMLParameter.java
 - webapp
 - META-INF
 - WEB-INF
 - lib
 - web.xml
 - index.html

- Code Editor View (Right):** Displays the Java code for `HTMLParameter.java`. The code is a HttpServlet that handles POST requests to print a welcome message and password.
- Bottom Status Bar:** Shows Writable, Smart Insert, and a timestamp of 11:10:00.
- System Tray:** Shows the date (09-12-2022), time (05:06), battery level (14°C), and network status.

The screenshot shows the Eclipse IDE interface with the following details:

- Project Explorer View:** Shows the project structure:
 - Main121 (in Main 1) [Diploma 5th Semester main]
 - Main0122 (in Main 1) [Diploma 5th Semester main]
 - Main0221 (in Main 2) [Diploma 5th Semester main]
 - Main0222 (in Main 2) [Diploma 5th Semester main]
 - Main1 (in Main 1) [Diploma 5th Semester main]
 - Main2 (in Main 2) [Diploma 5th Semester main]
 - Question0121 (in Question No. 01) [Diploma 5th Semester main]
 - Question0122 (in Question No. 01) [Diploma 5th Semester main]
 - Question0221 (in Question No. 02) [Diploma 5th Semester main]
- File Structure:** The project contains:
 - Deployment Descriptor: Question0221
 - JAX-WS Web Services
 - Java Resources
 - src/main/java
 - com.Question2
 - HTMLParameter.java
 - Libraries
 - build
 - src
 - main
 - java
 - com
 - Question2
 - HTMLParameter.java
 - webapp
 - META-INF
 - WEB-INF
 - lib
 - lib
 - web.xml
 - index.html

- Editor View:** The right panel displays the content of the `index.html` file, which includes the deployment descriptor `web.xml` and the Java source code `HTMLParameter.java`.
- Bottom Bar:** Shows the status bar with "14°C Mostly clear" weather information, system icons, and the date/time "05.06 ENG US 09-12-2022".

Screenshot of a web browser window showing a login form.

The title bar says "Insert title here".

The address bar shows "localhost:8080/Question0221/index.html".

The form fields are:

- User Name: Surya
- Password: Surya@1238

A "Submit" button is present at the bottom.



Screenshot of a web browser window showing a login confirmation message.

The title bar says "localhost:8080/Question0221/login".

The address bar shows "localhost:8080/Question0221/login".

The message displayed is: "Hello Surya welcome to my blog Your password is : Surya@1238"



eclipse-workspace - Main0122/src/main/webapp/index.html - Eclipse IDE

File Edit Source Source Navigate Search Project Run Window Help

Project Explorer

- JAX-WS Web Services
- Java Resources
 - src/main/java
 - com.main1
 - UserLength.java
- build
- src
 - main
 - java
 - com
 - main1
 - UserLength.java
- webapp
 - META-INF
 - WEB-INF
 - lib
 - web.xml
 - index.html

UserLength.java

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <meta charset="UTF-8">
5 <title>Session</title>
6 </head>
7 <body>
8 <form action="Session4" method="get">
9   User Name: <input type="text" name="uname"/> <br> <br>
10  <input type="submit" value="Submit"/>
11 </form>
12 </body>
13 </html>
```

Writable Smart Insert 1:1:0

14°C Mostly clear

Smart Icons

ENG US 05:10 09-12-2022

eclipse-workspace - Main0122/src/main/java/com/main1/UserLength.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Project Explorer

- JAX-WS Web Services
- Java Resources
 - src/main/java
 - com.main1
 - UserLength.java
- build
- src
 - main
 - java
 - com
 - main1
 - UserLength.java
- webapp
 - META-INF
 - WEB-INF
 - lib
 - web.xml
 - index.html

UserLength.java

```
1 package com.main1;
2
3 import jakarta.servlet.http.*;
4
5 public class UserLength extends HttpServlet {
6   public void doGet(HttpServletRequest request, HttpServletResponse response) {
7     try {
8       response.setContentType("text/html");
9       PrintWriter out = response.getWriter();
10      String uname = request.getParameter("uname");
11      int n = uname.length();
12      out.println("Length: "+n);
13      out.close();
14    } catch (Exception e) {
15      System.out.println(e);
16    }
17  }
18}
19
20
21 }
```

Writable Smart Insert 1:1:0

14°C Mostly clear

Smart Icons

ENG US 05:10 09-12-2022

The screenshot shows the Eclipse IDE interface with the following details:

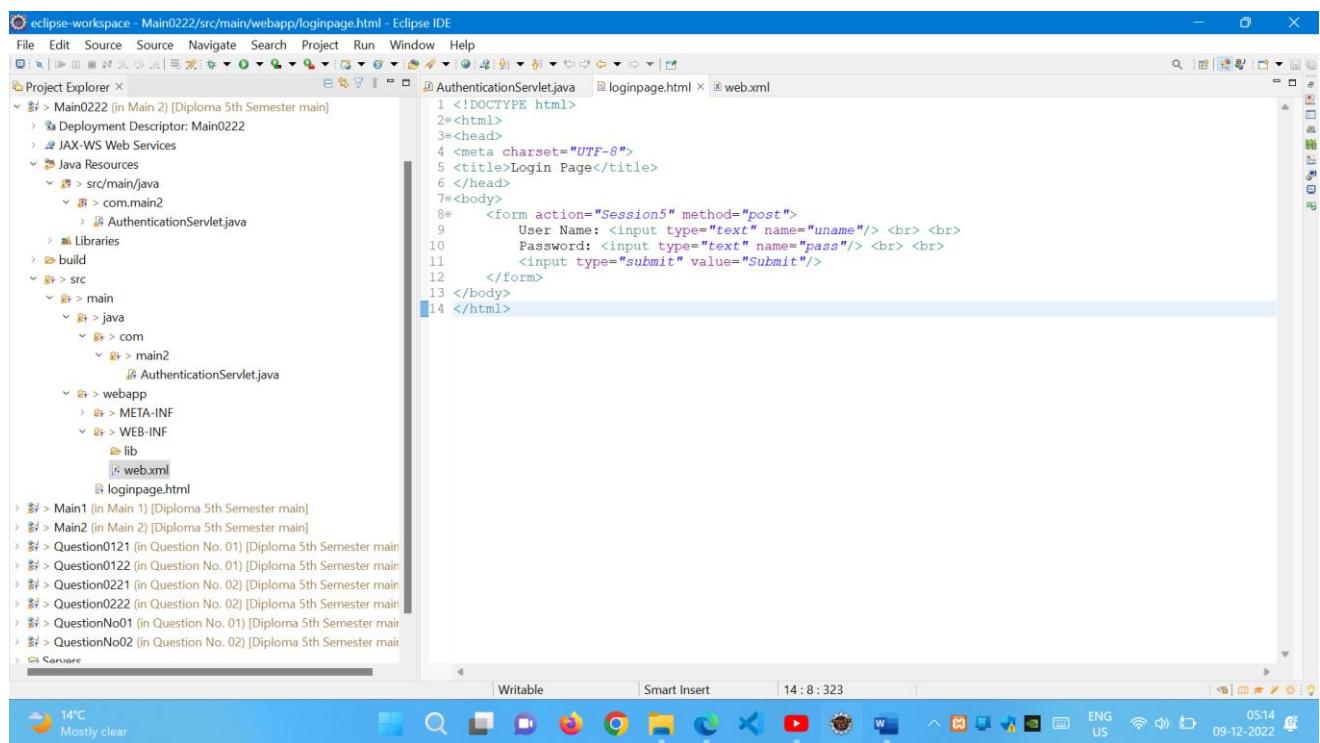
- Title Bar:** eclipse-workspace - Main0122/src/main/webapp/WEB-INF/web.xml - Eclipse IDE
- Menu Bar:** File, Edit, Source, Navigate, Search, Project, Run, Window, Help
- Toolbar:** Standard Eclipse toolbar icons.
- Project Explorer View (Left):**
 - Java Resources:
 - src/main/java:
 - com.main1:
 - UserNameLength.java
 - Libraries
 - build
 - src:
 - main:
 - java:
 - com:
 - main1:
 - UserNameLength.java
 - webapp:
 - META-INF
 - WEB-INF:
 - lib
 - web.xml
 - index.html
 - Other projects:
 - Main0221 (in Main 2) [Diploma 5th Semester main]
 - Main0222 (in Main 2) [Diploma 5th Semester main]
 - Main1 (in Main 1) [Diploma 5th Semester main]
 - Main2 (in Main 2) [Diploma 5th Semester main]
 - Question0121 (in Question No. 01) [Diploma 5th Semester main]
 - Question0122 (in Question No. 01) [Diploma 5th Semester main]
 - Question0221 (in Question No. 02) [Diploma 5th Semester main]
 - Question0222 (in Question No. 02) [Diploma 5th Semester main]
 - QuestionNo01 (in Question No. 01) [Diploma 5th Semester main]
 - QuestionNo02 (in Question No. 02) [Diploma 5th Semester main]
- Java Code Editor (Right):** Displays the content of the web.xml file.

```
<?xml version="1.0" encoding="UTF-8"?>
<web-app>
    <servlet>
        <servlet-name>Servlet6</servlet-name>
        <servlet-class>com.main1.UserNameLength</servlet-class>
    </servlet>
    <servlet-mapping>
        <servlet-name>Servlet6</servlet-name>
        <url-pattern>/Session4</url-pattern>
    </servlet-mapping>
</web-app>
```
- Bottom Status Bar:** Design, Source (selected), Writable, Smart Insert, 1:1:0, and various system icons.
- System Tray:** Shows the date (09-12-2022), time (05:10), battery level (14°C), and network status.





Length: 5



The screenshot shows the Eclipse IDE interface with the following details:

- Project Explorer:** Shows the project structure:
 - Main222 (in Main 2) [Diploma 5th Semester main]
 - Deployment Descriptor: Main222
 - JAX-WS Web Services
 - Java Resources
 - src/main/java
 - com.main2
 - AuthenticationServlet.java
 - main
 - java
 - com
 - AuthenticationServlet.java
 - main2
 - AuthenticationServlet.java
 - build
 - src
 - main
 - java
 - com
 - AuthenticationServlet.java
 - main2
 - AuthenticationServlet.java
 - loginpage.html
 - web.xml
- Main1 (in Main 1) [Diploma 5th Semester main]
- Main2 (in Main 2) [Diploma 5th Semester main]
- Question0121 (in Question No. 01) [Diploma 5th Semester main]
- Question0122 (in Question No. 01) [Diploma 5th Semester main]
- Question0221 (in Question No. 02) [Diploma 5th Semester main]
- Question0222 (in Question No. 02) [Diploma 5th Semester main]
- QuestionNo01 (in Question No. 01) [Diploma 5th Semester main]
- QuestionNo02 (in Question No. 02) [Diploma 5th Semester main]
- Carfare

- Code Editor:** The web.xml file is open in the editor, showing the following XML code:

```
<?xml version="1.0" encoding="UTF-8"?>
<web-app>
    <servlet>
        <servlet-name>Servlet6</servlet-name>
        <servlet-class>com.main2.AuthenticationServlet</servlet-class>
    </servlet>
    <servlet-mapping>
        <servlet-name>Servlet6</servlet-name>
        <url-pattern>/Session5</url-pattern>
    </servlet-mapping>
</web-app>
```
- Bottom Bar:** Design, Source (selected), Writable, Smart Insert, 1:1:0, various icons for file operations.
- System Tray:** Shows the date (09-12-2022), time (05:14), battery level (14%), and network status.

Login Page

localhost:8080/Main0222/loginpage.html

User Name: Surya

Password: abhishek12345

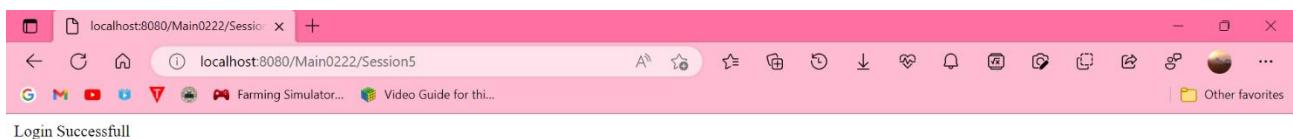
Submit

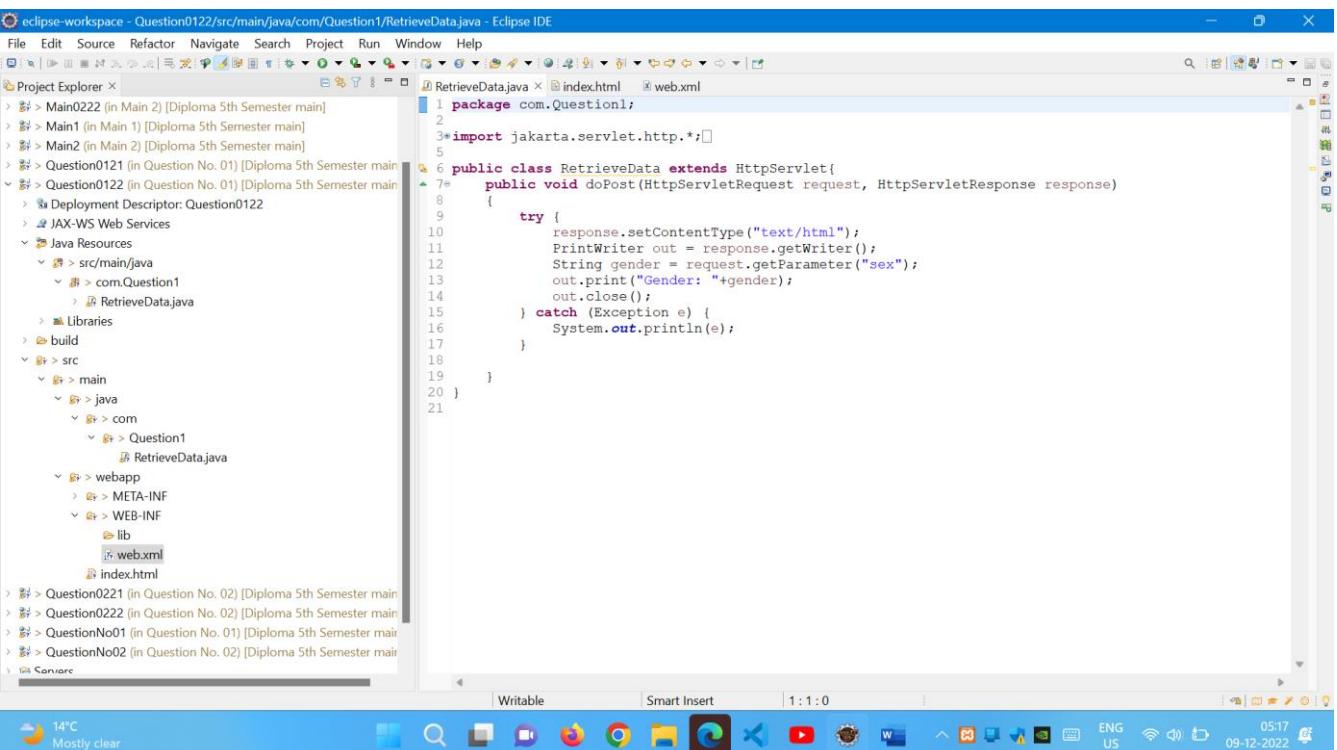
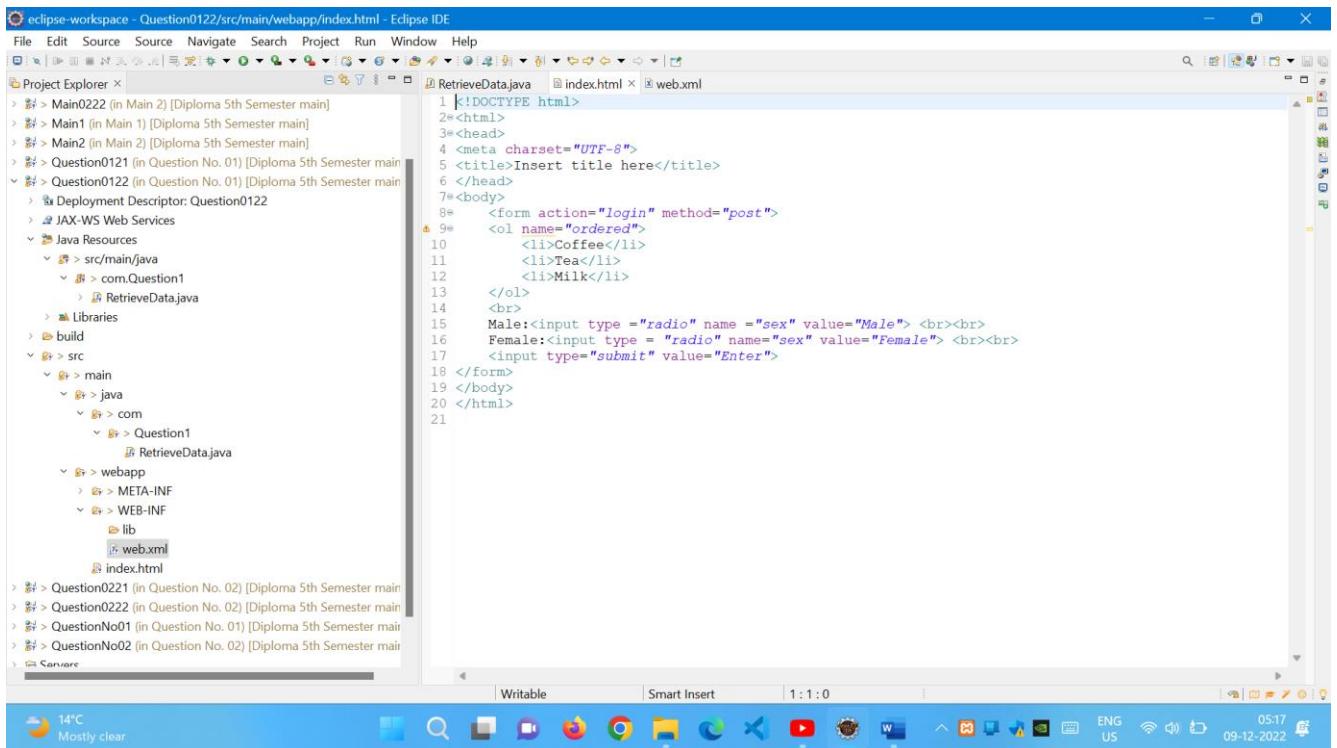


localhost:8080/Main0222/Session5

localhost:8080/Main0222/Session5

Login Successfull





eclipse-workspace - Question0122/src/main/webapp/WEB-INF/web.xml - Eclipse IDE

File Edit Source Source Navigate Search Project Run Window Help

Project Explorer

- Main0222 [in Main 2] [Diploma 5th Semester main]
- Main1 [in Main 1] [Diploma 5th Semester main]
- Main2 [in Main 2] [Diploma 5th Semester main]
- Question0121 [in Question No. 01] [Diploma 5th Semester main]
- Question0122 [in Question No. 01] [Diploma 5th Semester main]
 - Deployment Descriptor: Question0122
 - JAX-WS Web Services
 - Java Resources
 - src/main/java
 - com.Question1
 - RetrieveData.java
 - Libraries
 - build
 - src
 - main
 - java
 - com
 - Question1
 - RetrieveData.java
 - webapp
 - META-INF
 - WEB-INF
 - lib
 - web.xml
- index.html
- Question0221 [in Question No. 02] [Diploma 5th Semester main]
- Question0222 [in Question No. 02] [Diploma 5th Semester main]
- QuestionNo01 [in Question No. 01] [Diploma 5th Semester main]
- QuestionNo02 [in Question No. 02] [Diploma 5th Semester main]

RetrieveData.java

```

<?xml version="1.0" encoding="UTF-8"?>
<web-app>
    <servlet>
        <servlet-name>Servlet6</servlet-name>
        <servlet-class>com.Question1.RetrieveData</servlet-class>
    </servlet>
    <servlet-mapping>
        <servlet-name>Servlet6</servlet-name>
        <url-pattern>/login</url-pattern>
    </servlet-mapping>
</web-app>

```

index.html

Design Source Writable Smart Insert 1:1:0

14°C Mostly clear 05:17 09-12-2022 ENG US



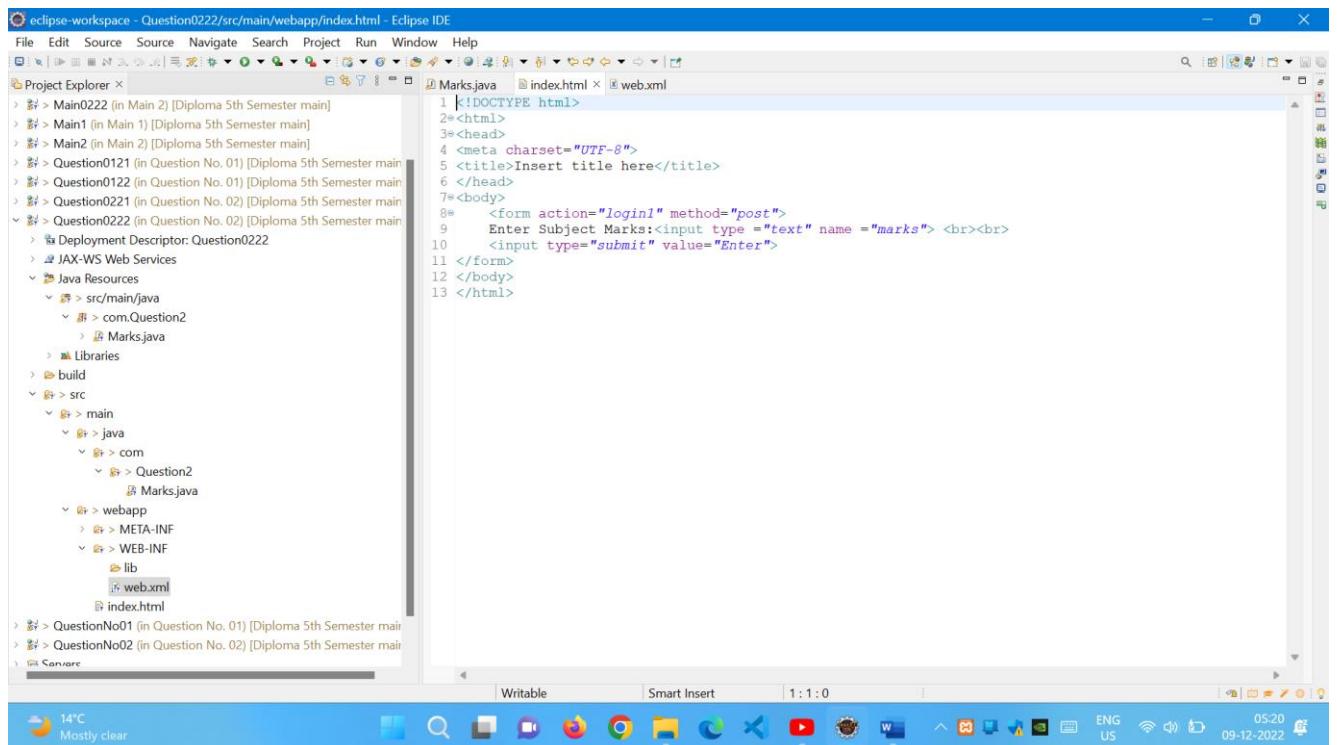
Male:

Female:





Gender: Male



eclipse-workspace - Question0222/src/main/java/com/Question2/Marks.java - Eclipse IDE

```
File Edit Source Refactor Navigate Search Project Run Window Help
Project Explorer X Marks.java index.html web.xml
1 package com.Question2;
2
3 import java.io.PrintWriter;
4
5 public class Marks extends HttpServlet{
6     public void doPost(HttpServletRequest request, HttpServletResponse response)
7     {
8         try {
9             response.setContentType("text/html");
10            PrintWriter out = response.getWriter();
11            int marks = Integer.parseInt(request.getParameter("marks"));
12            if(marks >= 40)
13            {
14                out.print("<b>Passed in Examination..</b>");
15            }
16            else
17            {
18                out.print("<b>Failed in Examination..</b>");
19            }
20            out.close();
21        } catch (Exception e) {
22            System.out.println(e);
23        }
24    }
25
26
27
28 }
```

Deployment Descriptor: Question0222

Java Resources

- src/main/java
- com
- Question2
- Marks.java

build

src

- main
- java
- com
- Question2
- Marks.java

webapp

- META-INF
- WEB-INF
- lib
- web.xml
- index.html

QuestionNo01 (in Question No. 01) [Diploma 5th Semester main]

QuestionNo02 (in Question No. 02) [Diploma 5th Semester main]

Concert

Writable Smart Insert 1:1:0

14°C Mostly clear

14:20 09-12-2022 ENG US

eclipse-workspace - Question0222/src/main/webapp/WEB-INF/web.xml - Eclipse IDE

```
File Edit Source Source Navigate Search Project Run Window Help
Project Explorer X Marks.java index.html web.xml
1 <?xml version="1.0" encoding="UTF-8"?>
2 <web-app>
3     <servlet>
4         <servlet-name>Servlet6</servlet-name>
5         <servlet-class>com.Question2.Marks</servlet-class>
6     </servlet>
7
8     <servlet-mapping>
9         <servlet-name>Servlet6</servlet-name>
10        <url-pattern>/login1</url-pattern>
11    </servlet-mapping>
12
13 </web-app>
```

Deployment Descriptor: Question0222

JAX-WS Web Services

Java Resources

- src/main/java
- com
- Question2
- Marks.java

Libraries

build

src

- main
- java
- com
- Question2
- Marks.java

webapp

- META-INF
- WEB-INF
- lib
- web.xml
- index.html

QuestionNo01 (in Question No. 01) [Diploma 5th Semester main]

QuestionNo02 (in Question No. 02) [Diploma 5th Semester main]

Concert

Design Source Writable Smart Insert 1:1:0

14°C Mostly clear

14:20 09-12-2022 ENG US



eclipse-workspace - Main1/src/main/webapp/index.html - Eclipse IDE

File Edit Source Navigate Search Project Run Window Help

Project Explorer X

- > Main0222 [in Main 2] [Diploma 5th Semester main]
- > Main1 [in Main 1] [Diploma 5th Semester main]
 - > Deployment Descriptor: Main1
 - > JAX-WS Web Services
 - > Java Resources
 - > src/main/java
 - > com.main1
 - > Session1.java
 - > Libraries
 - > build
 - > src
 - > main
 - > java
 - > com
 - > main1
 - > Session1.java
 - > webapp
 - > META-INF
 - > WEB-INF
 - > lib
 - > web.xml
 - > index.html
 - > Main2 [in Main 2] [Diploma 5th Semester main]
 - > Question0121 [in Question No. 01] [Diploma 5th Semester main]
 - > Question0122 [in Question No. 01] [Diploma 5th Semester main]
 - > Question0221 [in Question No. 02] [Diploma 5th Semester main]
 - > Question0222 [in Question No. 02] [Diploma 5th Semester main]
 - > QuestionNo01 [in Question No. 01] [Diploma 5th Semester main]
 - > QuestionNo02 [in Question No. 02] [Diploma 5th Semester main]

Session1.java index.html web.xml

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <meta charset="UTF-8">
5 <title>Session</title>
6 </head>
7 <body>
8 <form action="call" method="get">
9   <input type="text" name="uname"/> <br> <br>
10  <input type="text" name="pass"/> <br> <br>
11  <input type="submit" value="Submit"/>
12 </form>
13 </body>
14 </html>
```

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14°C Mostly clear 05:24 09-12-2022 ENG US

eclipse-workspace - Main1/src/main/java/com/main1/Session1.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Project Explorer X

- > Main0222 [in Main 2] [Diploma 5th Semester main]
- > Main1 [in Main 1] [Diploma 5th Semester main]
 - > Deployment Descriptor: Main1
 - > JAX-WS Web Services
 - > Java Resources
 - > src/main/java
 - > com.main1
 - > Session1.java
 - > Libraries
 - > build
 - > src
 - > main
 - > java
 - > com
 - > main1
 - > Session1.java
 - > webapp
 - > META-INF
 - > WEB-INF
 - > lib
 - > web.xml
 - > index.html
 - > Main2 [in Main 2] [Diploma 5th Semester main]
 - > Question0121 [in Question No. 01] [Diploma 5th Semester main]
 - > Question0122 [in Question No. 01] [Diploma 5th Semester main]
 - > Question0221 [in Question No. 02] [Diploma 5th Semester main]
 - > Question0222 [in Question No. 02] [Diploma 5th Semester main]
 - > QuestionNo01 [in Question No. 01] [Diploma 5th Semester main]
 - > QuestionNo02 [in Question No. 02] [Diploma 5th Semester main]

Session1.java index.html web.xml

```
1 package com.main1;
2
3 import jakarta.servlet.http.*;
4
5
6 public class Session1 extends HttpServlet{
7   public void doGet(HttpServletRequest request, HttpServletResponse response)
8   {
9     try {
10       response.setContentType("text/html");
11       PrintWriter out = response.getWriter();
12       String uname = request.getParameter("uname");
13       String pass = request.getParameter("pass");
14       HttpSession s = request.getSession();
15       String id = s.getId();
16       long time = s.getCreationTime();
17       out.print("User Name: "+uname);
18       out.print("<br>Password: "+pass);
19       out.print("<br> Id: "+id);
20       out.print("<br> Time: "+time);
21       out.close();
22     }
23     catch (Exception e) {
24       System.out.println(e);
25     }
26   }
27 }
28 }
```

Writable Smart Insert 25 : 10 : 720

14°C Mostly clear 05:24 09-12-2022 ENG US

eclipse-workspace - Main1/src/main/webapp/WEB-INF/web.xml - Eclipse IDE

File Edit Source Navigate Project Run Window Help

Project Explorer X

> Main222 (in Main 2) [Diploma 5th Semester main]
> Main1 (in Main 1) [Diploma 5th Semester main]
 > Deployment Descriptor: Main1
> JAX-WS Web Services
> Java Resources
 > src/main/java
 > com.main1
 > Session1.java
 > Libraries
> build
> src
 > main
 > java
 > com
 > main1
 Session1.java
 > webapp
 > META-INF
 > WEB-INF
 lib
 web.xml
 index.html

> Main2 (in Main 2) [Diploma 5th Semester main]
> Question0121 (in Question No. 01) [Diploma 5th Semester main]
> Question0122 (in Question No. 01) [Diploma 5th Semester main]
> Question0221 (in Question No. 02) [Diploma 5th Semester main]
> Question0222 (in Question No. 02) [Diploma 5th Semester main]
> QuestionNo01 (in Question No. 01) [Diploma 5th Semester main]
> QuestionNo02 (in Question No. 02) [Diploma 5th Semester main]

Session1.java index.html web.xml X

```
1 <?xml version="1.0" encoding="UTF-8"?>
2<web-app>
3<servlet>
4   <servlet-name>Servlet1</servlet-name>
5   <servlet-class>com.main1.Session1</servlet-class>
6 </servlet>
7
8<servlet-mapping>
9   <servlet-name>Servlet1</servlet-name>
10  <url-pattern>/call</url-pattern>
11 </servlet-mapping>
12
13 </web-app>
```

Design Source Writable Smart Insert 1:1:0

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Session X +

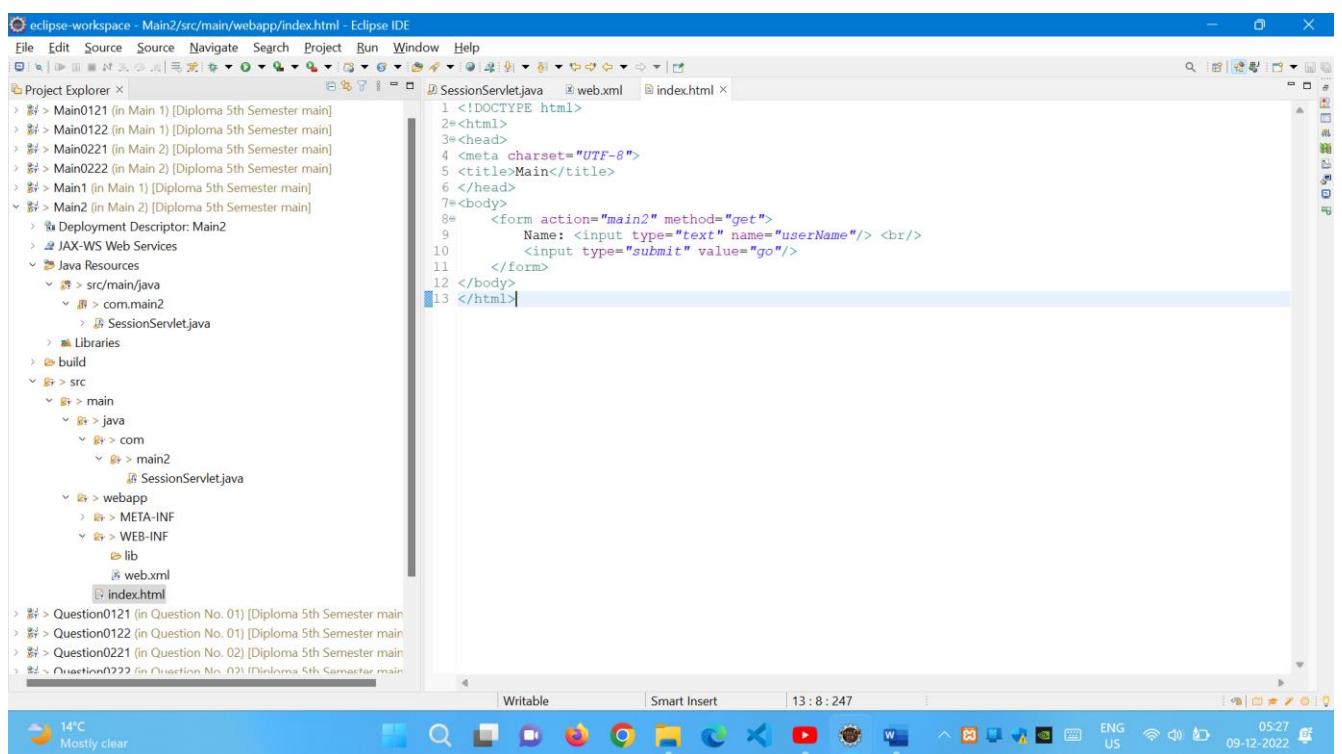
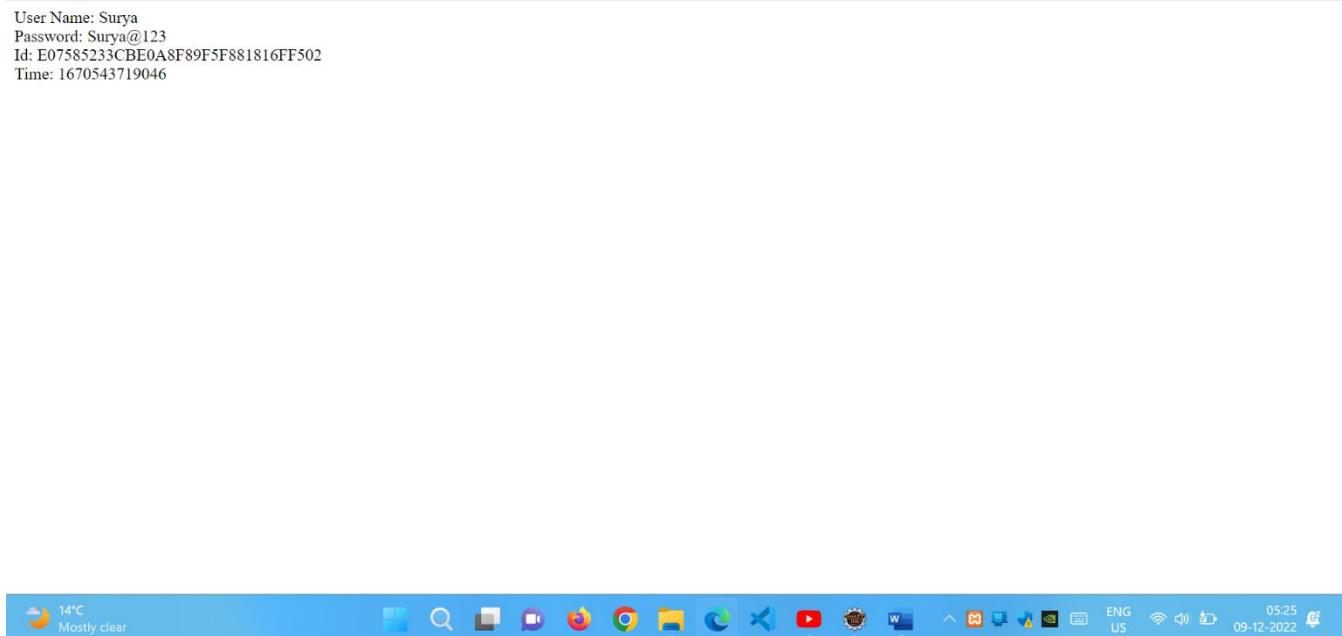
localhost:8080/Main1/index.html

User Name: Surya

Password: Surya@123

Submit

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eclipse-workspace - Main2/src/main/java/com/main2/SessionServlet.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Project Explorer

- Main0121 (in Main 1) [Diploma 5th Semester main]
- Main0122 (in Main 1) [Diploma 5th Semester main]
- Main0221 (in Main 2) [Diploma 5th Semester main]
- Main0222 (in Main 2) [Diploma 5th Semester main]
- Main1 (in Main 1) [Diploma 5th Semester main]
- Main2 (in Main 2) [Diploma 5th Semester main]

SessionServlet.java

```
1 package com.main2;
2
3 import jakarta.servlet.http.HttpServlet;
4
5 public class SessionServlet extends HttpServlet {
6     public void doGet(HttpServletRequest request, HttpServletResponse response)
7     {
8         try {
9             response.setContentType("Text/html");
10            PrintWriter out = response.getWriter();
11            String n = request.getParameter("userName");
12            out.print("Welcome "+n);
13            HttpSession session = request.getSession();
14            session.setAttribute("uname",n);
15            out.print("<a href='servlet2'>visit</a>");
16            out.close();
17        } catch (Exception e) {
18            System.out.println(e);
19        }
20    }
21}
22
23
24
25
26
27
```

index.html

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eclipse-workspace - Main2/src/main/webapp/WEB-INF/web.xml - Eclipse IDE

File Edit Source Source Navigate Search Project Run Window Help

Project Explorer

- Main0121 (in Main 1) [Diploma 5th Semester main]
- Main0122 (in Main 1) [Diploma 5th Semester main]
- Main0221 (in Main 2) [Diploma 5th Semester main]
- Main0222 (in Main 2) [Diploma 5th Semester main]
- Main1 (in Main 1) [Diploma 5th Semester main]
- Main2 (in Main 2) [Diploma 5th Semester main]

SessionServlet.java

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <web-app>
3     <servlet>
4         <servlet-name>Servlet1</servlet-name>
5         <servlet-class>com.main2.SessionServlet</servlet-class>
6     </servlet>
7
8     <servlet-mapping>
9         <servlet-name>Servlet1</servlet-name>
10        <url-pattern>/main2</url-pattern>
11    </servlet-mapping>
12
13 </web-app>
```

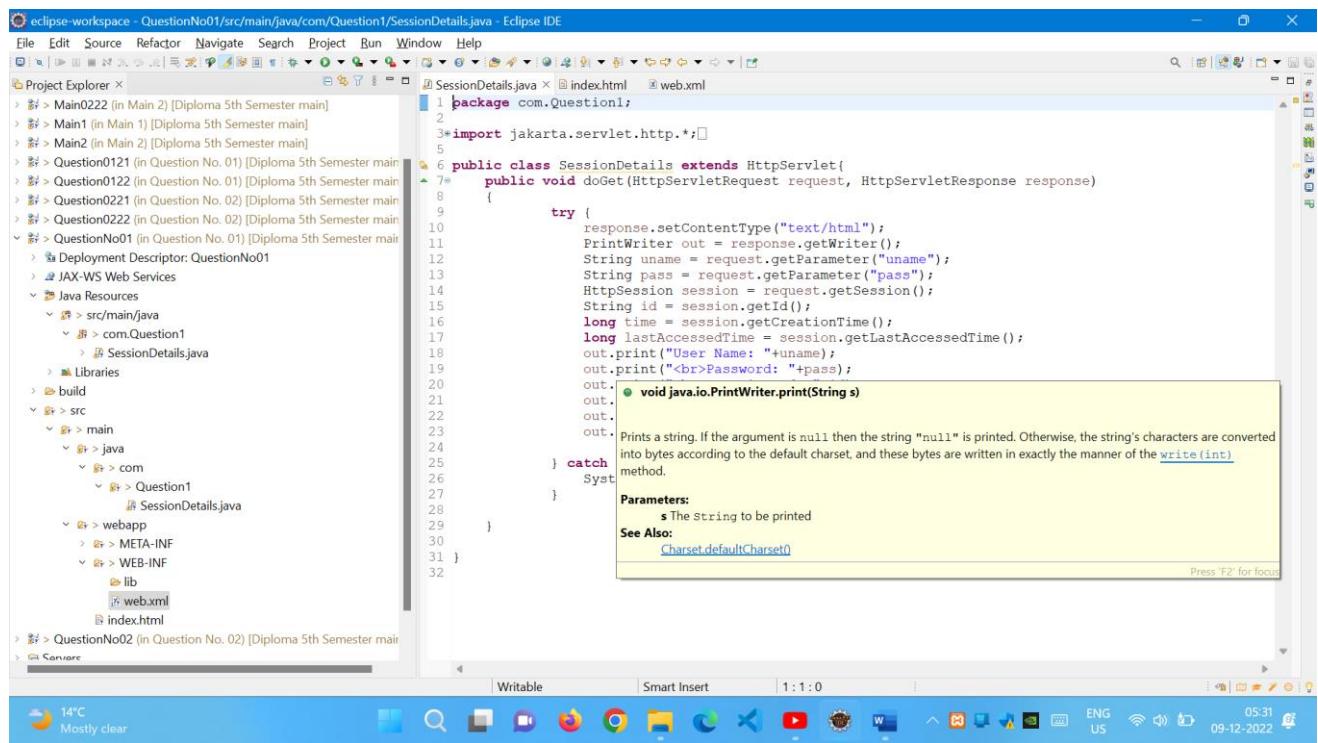
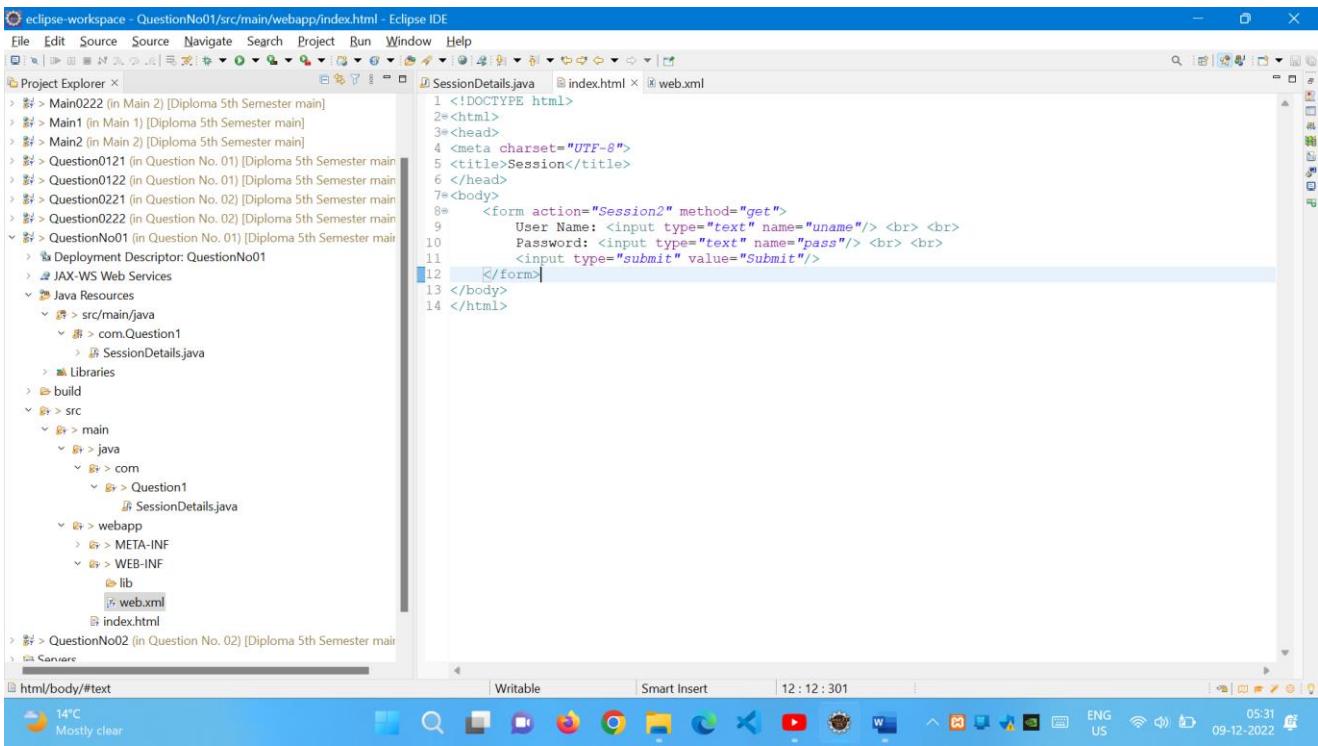
index.html

Design Source Writable Smart Insert 1:1:0

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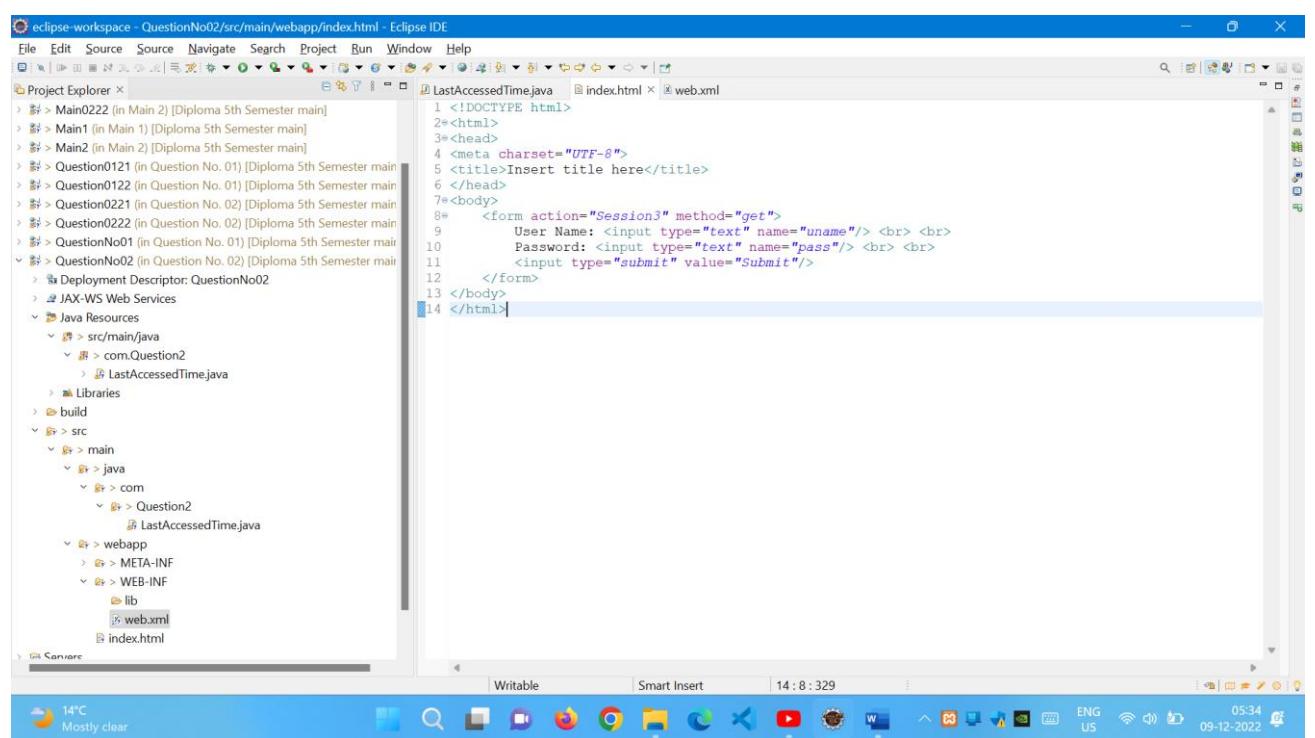
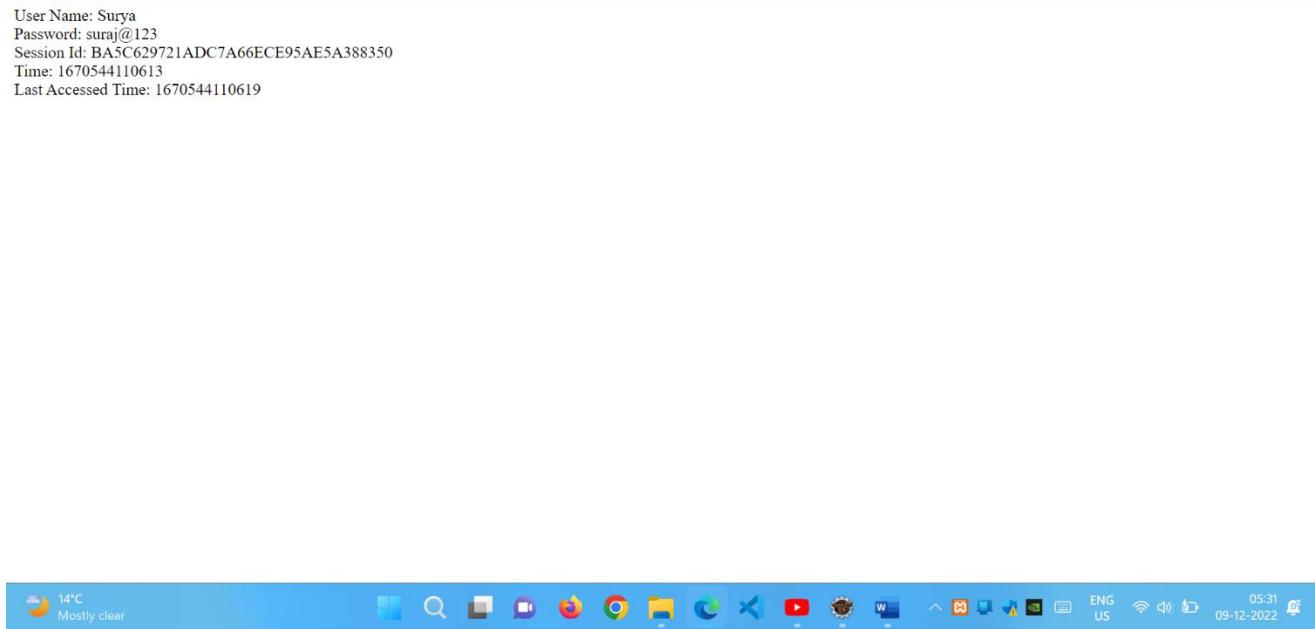
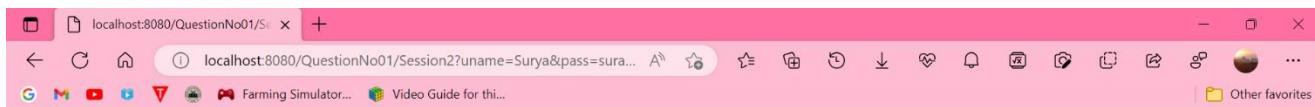




The screenshot shows the Eclipse IDE interface with the following details:

- Project Explorer:** Shows the project structure with files like Main0222, Main1, Main2, Question0121, Question0122, Question0221, Question0222, QuestionNo01, Deployment Descriptor, JAX-WS Web Services, Java Resources, Libraries, build, and src.
- Source Editor:** Displays the content of SessionDetails.java, which defines a servlet named "Servlet6" with a URL pattern of "/Session2".
- Task List:** Shows tasks related to QuestionNo01 and QuestionNo02.





eclipse-workspace - QuestionNo02/src/main/java/com/Question2/LastAccessedTime.java - Eclipse IDE

```
File Edit Source Refactor Navigate Search Project Run Window Help
Project Explorer LastAccessedTime.java index.html web.xml
1 package com.Question2;
2
3
4 import jakarta.servlet.http.*;
5
6 public class LastAccessedTime extends HttpServlet {
7     public void doGet(HttpServletRequest request, HttpServletResponse response) {
8         try {
9             response.setContentType("text/html");
10            PrintWriter out = response.getWriter();
11            String uname = request.getParameter("uname");
12            String pass = request.getParameter("pass");
13            HttpSession session = request.getSession();
14            long lastAccessedTime = session.getLastAccessedTime();
15            out.print("User Name: " + uname);
16            out.print("<br>Password: " + pass);
17            out.print("<br>Last Accessed Time: " + lastAccessedTime);
18            out.close();
19        } catch (Exception e) {
20            System.out.println(e);
21        }
22    }
23
24
25
26
27
28 }
```

Java Resources

- src/main/java
- com
- Question2
- LastAccessedTime.java

Libraries

build

src

- main
- java
- com
- Question2
- LastAccessedTime.java

webapp

- META-INF
- WEB-INF
- lib
- web.xml
- index.html

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eclipse-workspace - QuestionNo02/src/main/webapp/WEB-INF/web.xml - Eclipse IDE

```
File Edit Source Source Navigate Search Project Run Window Help
Project Explorer LastAccessedTime.java index.html web.xml
1 <?xml version="1.0" encoding="UTF-8"?>
2 <web-app>
3     <servlet>
4         <servlet-name>Servlet6</servlet-name>
5         <servlet-class>com.Question2.LastAccessedTime</servlet-class>
6     </servlet>
7
8     <servlet-mapping>
9         <servlet-name>Servlet6</servlet-name>
10        <url-pattern>/Session3</url-pattern>
11    </servlet-mapping>
12
13    <session-config>
14        <session-timeout>1</session-timeout>
15    </session-config>
16
17 </web-app>
```

Java Resources

- src/main/java
- com
- Question2
- LastAccessedTime.java

Libraries

build

src

- main
- java
- com
- Question2
- LastAccessedTime.java

webapp

- META-INF
- WEB-INF
- lib
- web.xml
- index.html

Design Source

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14°C Mostly clear

Smart Insert 1:1:0

ENG US 05:34 09-12-2022

A screenshot of a web browser window with a pink header bar. The title bar says "Insert title here" and the address bar shows "localhost:8080/QuestionNo02/index.html". Below the address bar are several icons for various websites and services. The main content area contains a login form with fields for "User Name" (containing "Surya") and "Password" (containing "suraj@123"), followed by a "Submit" button.

User Name: Surya

Password: suraj@123

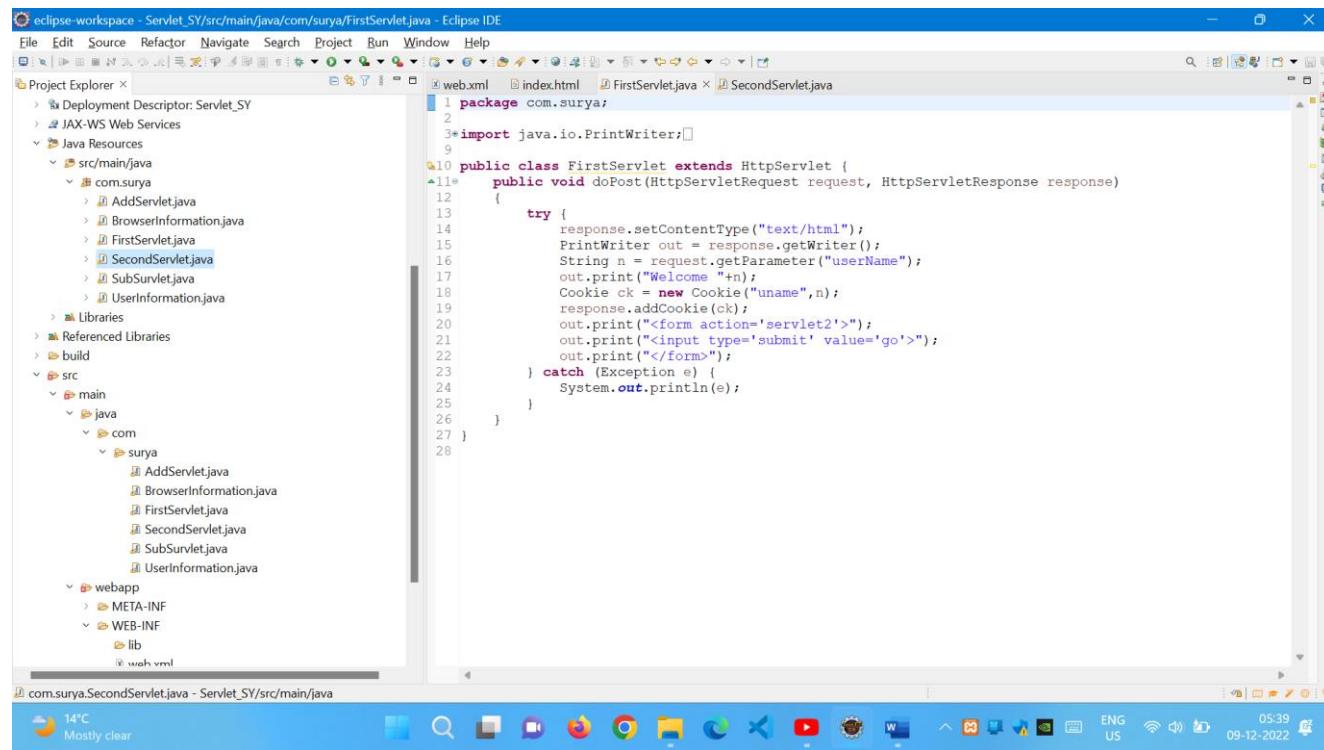
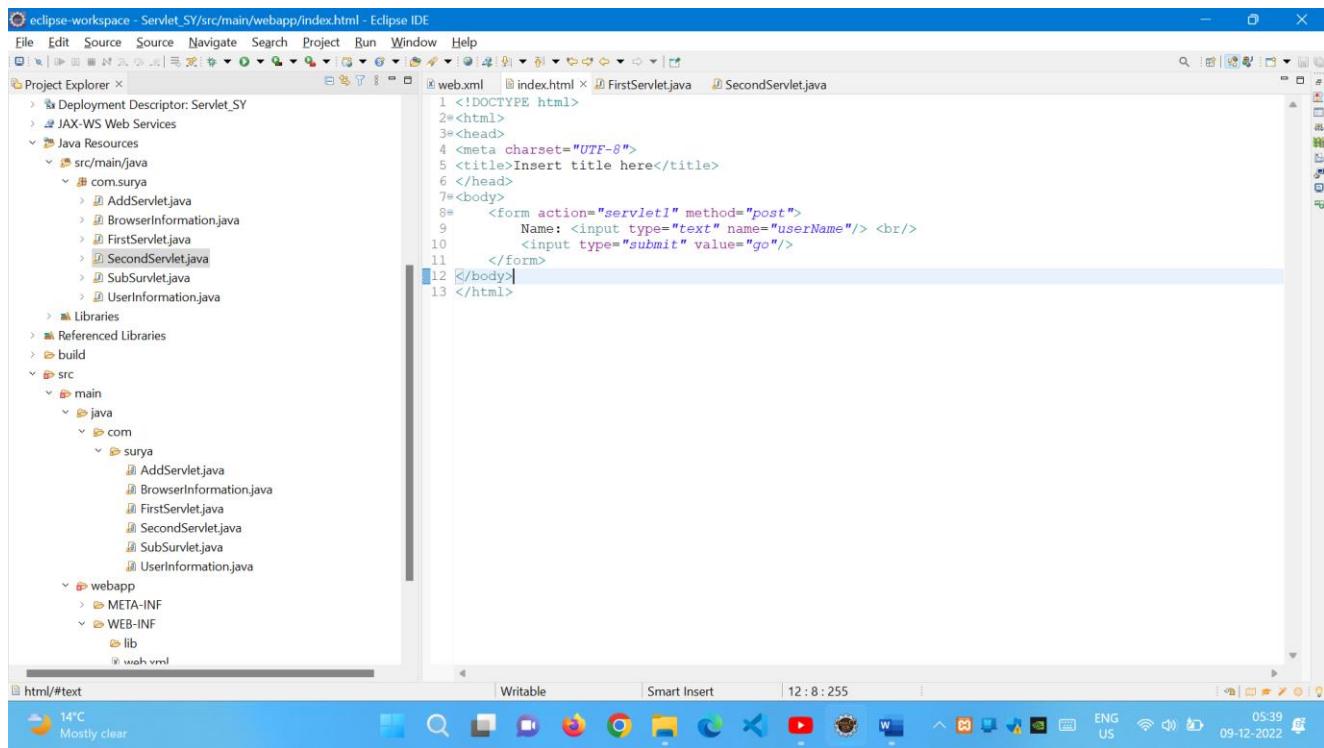
Submit



A screenshot of a web browser window with a pink header bar. The title bar says "localhost:8080/QuestionNo02/Session3?uname=Surya&pass=suraj@123". Below the address bar are several icons for various websites and services. The main content area displays session information: "User Name: Surya", "Password: suraj@123", and "Last Accessed Time: 1670544282900".

User Name: Surya
Password: suraj@123
Last Accessed Time: 1670544282900





eclipse-workspace - Servlet_SY/src/main/java/com/surya/SecondServlet.java - Eclipse IDE

```
File Edit Source Refactor Navigate Search Project Run Window Help
Project Explorer X Deployment Descriptor: Servlet_SY
JAX-WS Web Services
Java Resources
src/main/java
com.surya
AddServlet.java
BrowserInformation.java
FirstServlet.java
SecondServlet.java
SubServlet.java
UserInformation.java
Libraries
Referenced Libraries
build
src
main
java
com
surya
AddServlet.java
BrowserInformation.java
FirstServlet.java
SecondServlet.java
SubServlet.java
UserInformation.java
webapp
META-INF
WEB-INF
lib
web.xml

1 package com.surya;
2
3 import java.io.PrintWriter;
4
5 public class SecondServlet extends HttpServlet{
6     public void doPost(HttpServletRequest request, HttpServletResponse response)
7     {
8         try {
9             response.setContentType("text/html");
10            PrintWriter out = response.getWriter();
11            Cookie ck[] = request.getCookies();
12            out.print("Hello "+ck[0].getValue());
13            out.close();
14        } catch (Exception e) {
15            System.out.println(e);
16        }
17    }
18}
19
20
21
22
23
24
```

Writable Smart Insert 1:1:0

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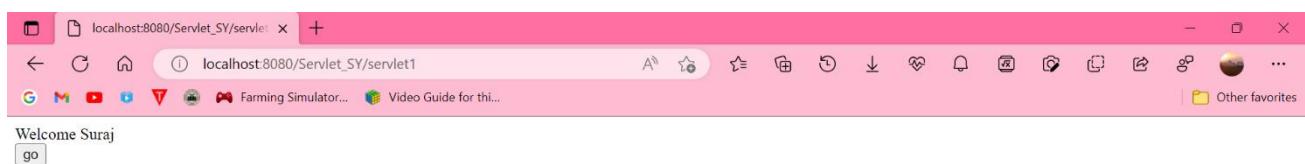
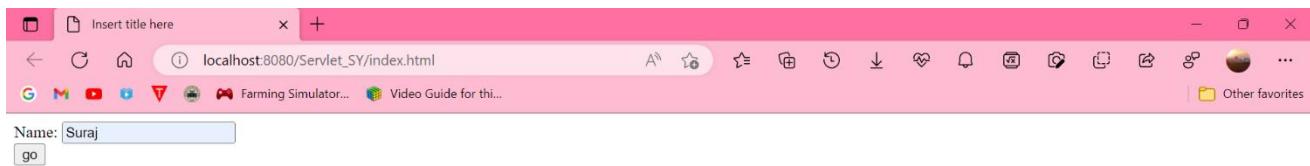
eclipse-workspace - Servlet_SY/src/main/webapp/WEB-INF/web.xml - Eclipse IDE

```
File Edit Source Source Navigate Search Project Run Window Help
Project Explorer X Deployment Descriptor: Servlet_SY
JAX-WS Web Services
Java Resources
src/main/java
com.surya
AddServlet.java
BrowserInformation.java
FirstServlet.java
SecondServlet.java
SubServlet.java
UserInformation.java
Libraries
Referenced Libraries
build
src
main
java
com
surya
AddServlet.java
BrowserInformation.java
FirstServlet.java
SecondServlet.java
SubServlet.java
UserInformation.java
webapp
META-INF
WEB-INF
lib
web.xml

<web-app>
    <servlet>
        <servlet-name>Servlet1</servlet-name>
        <servlet-class>com.surya.FirstServlet</servlet-class>
    </servlet>
    <servlet-mapping>
        <url-pattern>/first</url-pattern>
    </servlet-mapping>
</web-app>
```

Design Source Writable Smart Insert 33:14:800

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eclipse-workspace - Servlet_SY/src/main/webapp/userinfo.html - Eclipse IDE

File Edit Source Navigate Search Project Run Window Help

Project Explorer

- BrowserInformation.java
- FirstServlet.java
- SecondServlet.java
- SubServlet.java
- UserInformation.java
- Libraries
- Referenced Libraries
- build
- src
- main
- java
- com
- surya
- AddServlet.java
- BrowserInformation.java
- FirstServlet.java
- SecondServlet.java
- SubServlet.java
- UserInformation.java

web.xml userinfo.html UserInformation.java

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <meta charset="UTF-8">
5 <title>User Information</title>
6 </head>
7 <body>
8   <form action="info" method="post">
9     Name: <input type="text" name="userName"/> <br> <br>
10    Age: <input type="text" name="age"/> <br> <br>
11    <input type="submit" value="Submit"/>
12  </form>
13 </body>
14 </html>
```

Writable Smart Insert 1:1:0

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eclipse-workspace - Servlet_SY/src/main/java/com/surya/UserInformation.java - Eclipse IDE

File Edit Refactor Navigate Search Project Run Window Help

Project Explorer

- BrowserInformation.java
- FirstServlet.java
- SecondServlet.java
- SubServlet.java
- UserInformation.java
- Libraries
- Referenced Libraries
- build
- src
- main
- java
- com
- surya
- AddServlet.java
- BrowserInformation.java
- FirstServlet.java
- SecondServlet.java
- SubServlet.java
- UserInformation.java

web.xml userinfo.html UserInformation.java

```
1 package com.surya;
2
3 import jakarta.servlet.http.*;
4
5 public class UserInformation extends HttpServlet{
6   public void doPost(HttpServletRequest request, HttpServletResponse response)
7   {
8     try {
9       response.setContentType("text/html");
10      PrintWriter out = response.getWriter();
11      String uname = request.getParameter("userName");
12      String age = request.getParameter("age");
13      Cookie ck = new Cookie("User Name", uname);
14      response.addCookie(ck);
15      String a = ck.getName();
16      String b = ck.getValue();
17      out.print("User Name: "+a);
18      out.print("<br>");
19      out.print("Age: "+b);
20
21    } catch (Exception e) {
22      // TODO: handle exception
23      System.out.println(e);
24    }
25  }
26
27 }
28 }
```

Writable Smart Insert 1:1:0

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eclipse-workspace - Servlet_SY/src/main/webapp/WEB-INF/web.xml - Eclipse IDE

```

File Edit Source Navigate Search Project Run Window Help
Project Explorer X web.xml X userinfo.html UserInformation.java
src
  main
    java
      com
        surya
          AddServlet.java
          BrowserInformation.java
          FirstServlet.java
          SecondServlet.java
          SubServlet.java
          UserInformation.java
  webapp
    META-INF
    WEB-INF
      lib
        web.xml
        browserinformation.html
        index.html
        index.jsp
        index1.jsp
        userinfo.html
  Design Source Writable Smart Insert 33 : 14 : 800
  ENG US 05:43 09-12-2022
  14°C Mostly clear

```

web.xml

```

<?xml version="1.0" encoding="UTF-8"?>
<web-app>
  <servlet>
    <servlet-name>Servlet1</servlet-name>
    <servlet-class>com.surya.FirstServlet</servlet-class>
  </servlet>
  <servlet-mapping>
    <url-pattern>/sub</url-pattern>
  </servlet-mapping>
  <servlet>
    <servlet-name>Servlet2</servlet-name>
    <servlet-class>com.surya.SecondServlet</servlet-class>
  </servlet>
  <servlet-mapping>
    <url-pattern>/sub</url-pattern>
  </servlet-mapping>
  <servlet>
    <servlet-name>Servlet3</servlet-name>
    <servlet-class>com.surya.FirstServlet</servlet-class>
  </servlet>
  <servlet-mapping>
    <url-pattern>/servlet1</url-pattern>
  </servlet-mapping>
  <servlet>
    <servlet-name>Servlet4</servlet-name>
    <servlet-class>com.surya.SecondServlet</servlet-class>
  </servlet>
  <servlet-mapping>
    <url-pattern>/servlet2</url-pattern>
  </servlet-mapping>
  <servlet>
    <servlet-name>Servlet5</servlet-name>
    <servlet-class>com.surya.UserInformation</servlet-class>
  </servlet>
  <servlet-mapping>
    <url-pattern>/userinfo</url-pattern>
  </servlet-mapping>
</web-app>

```

User Information

localhost:8080/Servlet_SY/userinfo.html

Name: Suraj

Age: 18

Submit

14°C Mostly clear



User Name: Suraj
Age: 18



eclipse-workspace - Servlet_SY/src/main/webapp/browserinformation.html - Eclipse IDE

The screenshot shows the Eclipse IDE interface with the following details:

- Project Explorer:** Displays the project structure:
 - src folder contains: BrowserInformation.java, FirstServlet.java, SecondServlet.java, SubServlet.java, UserInformation.java.
 - Referenced Libraries
 - build
 - src folder (under build) contains: main, com, surya
 - main contains: AddServlet.java, BrowserInformation.java, FirstServlet.java, SecondServlet.java, SubServlet.java, UserInformation.java.
 - com contains: browserinformation.html
 - webapp folder contains: META-INF, WEB-INF, lib, web.xml, browserinformation.html, index.html, index.jsp, index1.jsp, userinfo.html.

Code Editor: The browserinformation.html file is open, showing the following code:

```
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Browser Information</title>
</head>
<body>
<form action="browser" method="post">
    Browser Name: <input type="text" name="browsename"/> <br>
    Version: <input type="text" name="version"/> <br>
    <input type="submit" value="Submit"/>
</form>
</body>
</html>
```

eclipse-workspace - Servlet_SY/src/main/java/com/surya/ - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Project Explorer

- src
- main
- java
- com
- surya
- AddServlet.java
- BrowserInformation.java
- FirstServlet.java
- SecondServlet.java
- SubServlet.java
- UserInformation.java

web.xml BrowserInformation.java browserinformation.html

```
1 package com.surya;
2
3 import java.io.PrintWriter;
4
5 public class BrowserInformation extends HttpServlet{
6     public void doPost(HttpServletRequest request, HttpServletResponse response)
7     {
8         try {
9             response.setContentType("text/html");
10            PrintWriter out = response.getWriter();
11            String browserName = request.getParameter("browsename");
12            String Version = request.getParameter("version");
13            Cookie cookie = new Cookie("Version", Version);
14            response.addCookie(cookie);
15            String outString = "Your browser name is " + browserName + " and your version is " + Version;
16            out.print(outString);
17            out.print("<br>");
18            out.print("Version: " + Version);
19        } catch (Exception e) {
20            // TODO: handle exception
21            System.out.println(e);
22        }
23    }
24
25}
26
27
28
29
30
31
32
33 }
```

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eclipse-workspace - Servlet_SY/src/main/webapp/WEB-INF/web.xml - Eclipse IDE

File Edit Source Navigate Search Project Run Window Help

Project Explorer

- src
- main
- java
- com
- surya
- AddServlet.java
- BrowserInformation.java
- FirstServlet.java
- SecondServlet.java
- SubServlet.java
- UserInformation.java

web.xml BrowserInformation.java browserinformation.html

```
<servlet>
< servlet-name>Servlet1</servlet-name>
< url-pattern>/sub</url-pattern>
</servlet>

<servlet>
< servlet-name>Servlet2</servlet-name>
< servlet-class>com.surya.FirstServlet</servlet-class>
</servlet>

<servlet>
< servlet-name>Servlet3</servlet-name>
< servlet-class>com.surya.SecondServlet</servlet-class>
</servlet>

<servlet>
< servlet-name>Servlet4</servlet-name>
< servlet-class>com.surya.UserInformation</servlet-class>
</servlet>
```

Design Source Writable Smart Insert 33:14:800

14°C Mostly clear

ENG US 05:43 09-12-2022



Browser Name: Chrome

Version: 151.01.1

Submit



Browser: Chrome
Version: 151.01.1

