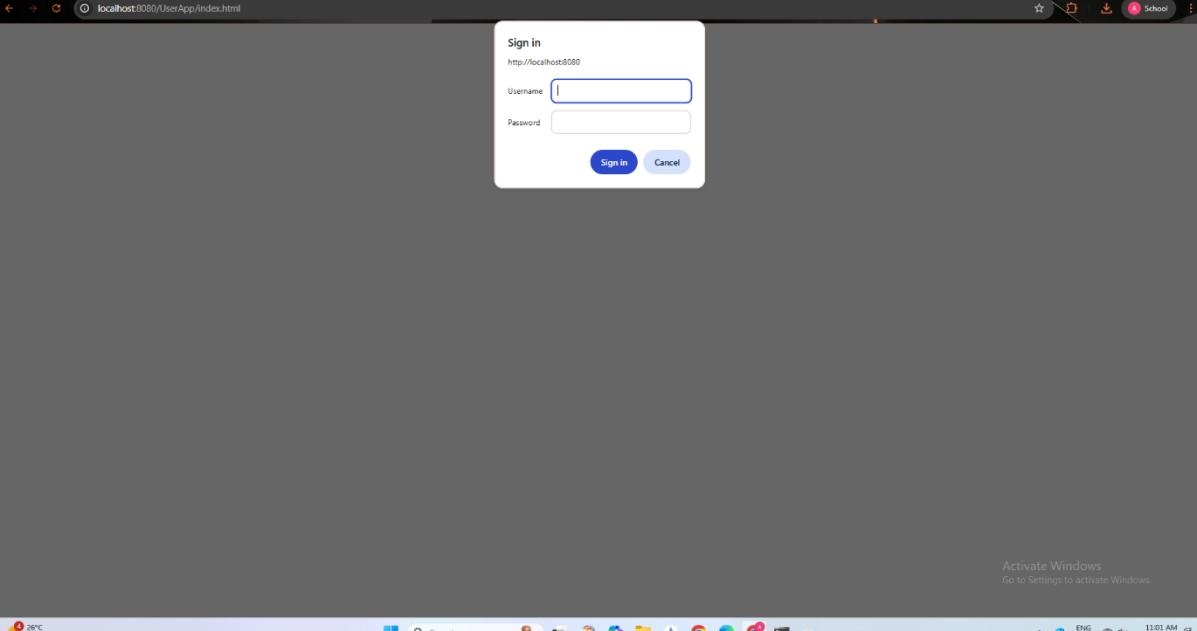


EXP 4



Activate Windows
Go to Settings to activate Windows.

Tomcat

```
at java.util.concurrent.FutureTask.run(FutureTask.java:266)
at org.apache.tomcat.util.threads.InlineExecutorService.execute(InlineExecutorService.java:82)
at java.util.concurrent.AbstractExecutorService.submit(AbstractExecutorService.java:134)
at org.apache.catalina.core.ContainerBase.startInternal(ContainerBase.java:747)
at org.apache.catalina.core.StandardEngine.startInternal(StandardEngine.java:209)
at org.apache.catalina.util.LifecycleBase.start(LifecycleBase.java:164)
at org.apache.catalina.core.StandardService.startInternal(StandardService.java:410)
at org.apache.catalina.util.LifecycleBase.start(LifecycleBase.java:164)
at org.apache.catalina.core.StandardServer.startInternal(StandardServer.java:872)
at org.apache.catalina.util.LifecycleBase.start(LifecycleBase.java:164)
at org.apache.catalina.startup.Catalina.start(Catalina.java:736)
at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
at java.lang.reflect.Method.invoke(Method.java:497)
at org.apache.catalina.startup.Bootstrap.start(Bootstrap.java:342)
at org.apache.catalina.startup.Bootstrap.main(Bootstrap.java:473)
30-Jan-2026 11:01:19.333 SEVERE [main] org.apache.tomcat.util.descriptor.web.WebXmlParser parseWebXml Occurred at line [1] column [1]
30-Jan-2026 11:01:19.335 SEVERE [main] org.apache.catalina.startup.ContextConfig.configureStart Marking this application unavailable due to previous error(s)
30-Jan-2026 11:01:19.335 SEVERE [main] org.apache.catalina.core.StandardContext startInternal One or more components marked the context as not correctly configured
30-Jan-2026 11:01:19.335 SEVERE [main] org.apache.catalina.core.StandardContext startInternal Context [/UserApp] startup failed due to previous errors
30-Jan-2026 11:01:19.339 INFO [main] org.apache.catalina.startup.HostConfig deployDirectory Deployment of web application directory [C:\Users\DELL\Documents\apache-tomcat-9.0.115-windows-x64\apache-tomcat-9.0.115\webapps\UserApp] has finished in [46] ms
30-Jan-2026 11:01:19.341 INFO [main] org.apache.catalina.startup.Catalina start Server startup in [654] milliseconds
```

The screenshot shows a code editor window and a browser window side-by-side.

Code Editor (index.html):

```
C:\> Users > DELL > Documents > apache-tomcat-9.0.115-windows-x64 > apache-tomcat-9.0.115 > webapps > UserApp > index.html > ...
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>User Form</title>
5   </head>
6   <body>
7     <h2>User Details Form:</h2>
8
9
10    <form action="UserServlet" method="post">
11      Name:<br>
12      <input type="text" name="name" required>
13      <br><br>
14      Age:<br>
15      <input type="number" name="age" required>
16      <br><br>
17      <input type="submit" value="Submit">
18    </form>
19  </body>
20 </html>
```

Browser Window:

The browser window is showing a blank white page. At the top, there is a message: "Restricted Mode is intended for safe code browsing. Trust this window to enable all features. Message Learn More". Below the message, the address bar shows "C:\> index.html X". The status bar at the bottom of the browser window displays "28°C Sunny", "ENGLISH IN", "11:03 AM", and the date "30-01-2026".

The screenshot shows a code editor window with a tab bar at the top containing "web.html", "data_descrip", "tomcat.apac", "web.x", and "web.x" (the active tab). The menu bar includes "File", "Edit", and "View". The toolbar on the right includes icons for file operations and settings. The main editor area displays the following XML code:

```
<web-app xmlns="https://jakarta.ee/xml/ns/jakartaee"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="https://jakarta.ee/xml/ns/jakartaee
    https://jakarta.ee/xml/ns/jakartaee/web-app_5_0.xsd"
  version="5.0">

  <servlet>
    <servlet-name>UserServlet</servlet-name>
    <servlet-class>UserServlet</servlet-class>
  </servlet>

  <servlet-mapping>
    <servlet-name>UserServlet</servlet-name>
    <url-pattern>/UserServlet</url-pattern>
  </servlet-mapping>

</web-app>
```

The status bar at the bottom provides information: "Ln 20, Col 11 | 470 characters | Plain text | 100% | Windows (CRLF) | UTF-8".

```
C:\Users> DELL> Documents > apache-tomcat-9.0.115-windows-x64 > apache-tomcat-9.0.115 > webapps > UserApp > WEB-INF > classes > J UserServlet.java
1 import java.io.IOException;
2 import java.io.PrintWriter;
3 import jakarta.servlet.ServletException;
4 import jakarta.servlet.http.HttpServlet;
5 import jakarta.servlet.http.HttpServletRequest;
6 import jakarta.servlet.http.HttpServletResponse;
7
8
9 public class UserServlet extends HttpServlet {
10
11
12 protected void doPost(HttpServletRequest request, HttpServletResponse response)
13 throws ServletException, IOException {
14
15
16 response.setContentType("text/html");
17 PrintWriter out = response.getWriter();
18
19
20 String name = request.getParameter("name");
21 String age = request.getParameter("age");
22
23
24 out.println("<html>");
25 out.println("<body>");
26 out.println("<h2>User Details:</h2>");
27 out.println("Hello " + name + "<br>");
28 out.println("You are " + age + " years old.");
29 out.println("</body>");
30 out.println("</html>");
31
32 }
```

Activate Windows
Go to Settings to activate Windows.

Line 1, Col 1 Spaces:4 UTF-8 CRLF Java

28°C Sunny Restricted Mode 0 ⚡ Java: Lightweight Mode