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```
ONE - COOKAGAIN22RP04445/src/main/java/COOKIE/StoreCookieServlet.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help

Project Explorer
COOKAGAIN22RP04445
  Deployment Descriptor: COOKAGAIN2
  JAX-WS Web Services
  Java Resources
  build
  src
  COOKIE
  example
  EXAMPLE8
  group2
  helloworld
  QUESTION1
  QUESTION3
  QUESTION4
  QUESTION5
  QUESTIONN2
  Servers
  webapp
  WEBAPPLICATION
  WORK

1 package COOKIE;
2
3 import java.io.IOException;
4
5
6
7
8
9
10
11 @WebServlet("/storeCookie")
12 public class StoreCookieServlet extends HttpServlet {
13     private static final long serialVersionUID = 1L;
14
15     @Override
16     protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException {
17         String userInput = request.getParameter("userInput");
18
19         Cookie userCookie = new Cookie("userInput", userInput);
20         userCookie.setMaxAge(60 * 60 * 24 * 7);
21         response.addCookie(userCookie);
22         response.sendRedirect("two.html");
23     }
24 }
25
26

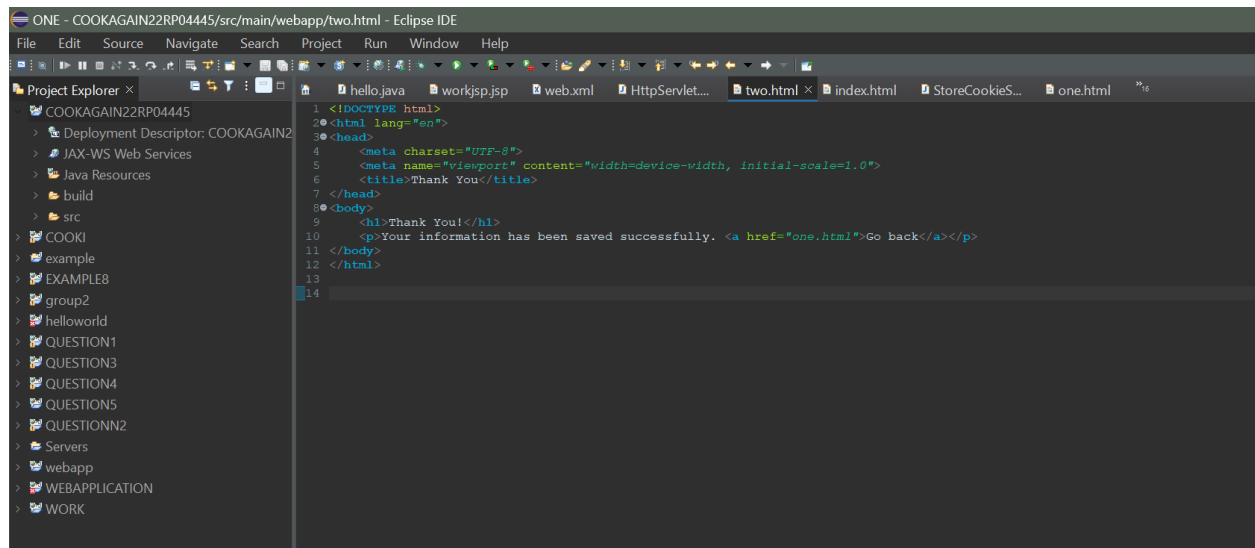
Markers Properties Servers Data Source Explorer Snippets Terminal Console
Tomcat v9.0 Server at localhost [Apache Tomcat] D:\OneDrive\soft\ eclipse-java-2022-06-R-win32-x86_64\ eclipse\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64.17.0.3.v202205
at org.apache.catalina.core.ContainerBase$ContainerBackgroundProcessor.run(ContainerBase.java:1154)
at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:539)
at java.base/java.util.concurrent.FutureTask.runAndReset(FutureTask.java:305)
at java.base/java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledFutureTask.run(ScheduledThreadPoolExecutor.java:305)
at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1136)
```

```
ONE - COOKAGAIN22RP04445/src/main/webapp/one.html - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help

Project Explorer
COOKAGAIN22RP04445
  Deployment Descriptor: COOKAGAIN2
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  QUESTION3
  QUESTION4
  QUESTION5
  QUESTIONN2
  Servers
  webapp
  WEBAPPLICATION
  WORK

1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4     <meta charset="UTF-8">
5     <meta name="viewport" content="width=device-width, initial-scale=1.0">
6     <title>Username or Email Form</title>
7     <script>
8         function getCookie(name) {
9             const value = `/${(document.cookie).split(';').map((v) => v.split('=').pop()).join('=')}`;
10            const parts = value.split(';').map((v) => v.split('=').pop()).shift();
11            if (parts.length === 2) return parts.pop().split('=').shift();
12        }
13
14        window.onload = function() {
15            const userInput = getCookie('userInput');
16            if (userInput) {
17                document.getElementById('userInput').value = userInput;
18            }
19        };
20    </script>
21 </head>
22 <body>
23     <h1>Enter Your Username or Email</h1>
24     <form action="/storeCookie" method="post">
25         <label for="userInput">Username or Email:</label>
26         <input type="text" id="userInput" name="userInput" value="">
27         <input type="submit" value="Submit">
28     </form>
29 </body>
30 </html>
31

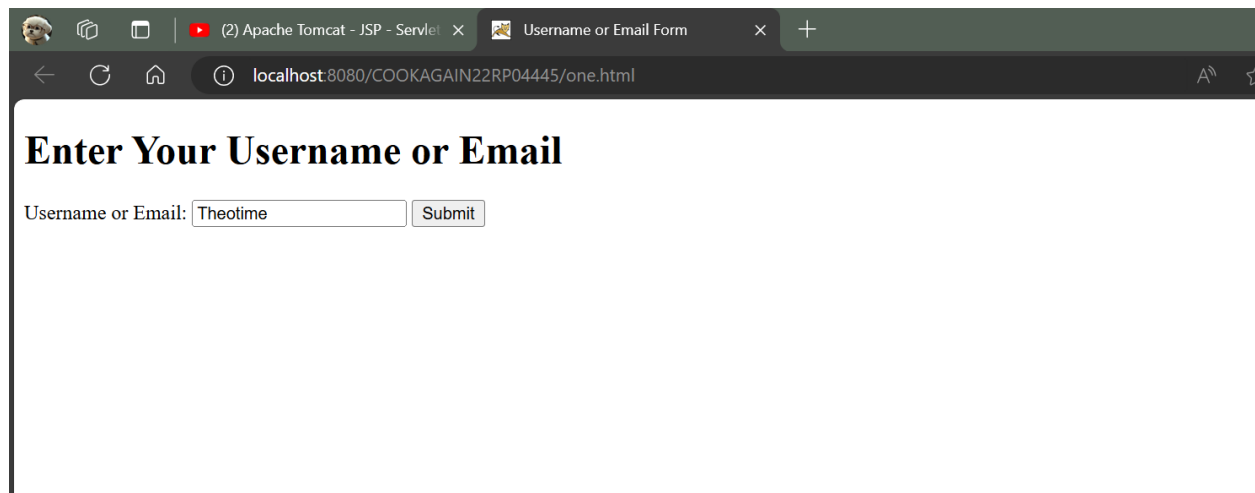
Markers Properties Servers Data Source Explorer Snippets Terminal Console
Tomcat v9.0 Server at localhost [Apache Tomcat] D:\OneDrive\soft\ eclipse-java-2022-06-R-win32-x86_64\ eclipse\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64.17.0.3.v202205
at org.apache.catalina.core.ContainerBase$ContainerBackgroundProcessor.run(ContainerBase.java:1154)
at java.base/java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:539)
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at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1136)
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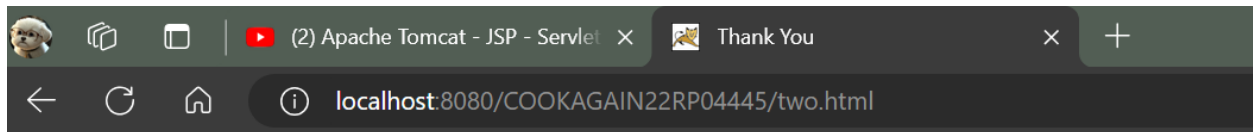


The screenshot shows the Eclipse IDE interface. The title bar reads "ONE - COOKAGAIN22RP04445/src/main/webapp/two.html - Eclipse IDE". The menu bar includes File, Edit, Source, Navigate, Search, Project, Run, Window, and Help. The toolbar contains various icons for development tasks. The Project Explorer on the left shows a project named "COOKAGAIN22RP04445" with several sub-projects and folders, including "build", "src", "COOKI", "example", "EXAMPLE8", "group2", "helloworld", "QUESTION1", "QUESTION3", "QUESTION4", "QUESTION5", "QUESTIONN2", "Servers", "webapp", "WEBAPPLICATION", and "WORK". The main editor area displays the source code of "two.html". The code is as follows:

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Thank You</title>
7 </head>
8 <body>
9   <h1>Thank You!</h1>
10  <p>Your information has been saved successfully. <a href="one.html">Go back</a></p>
11 </body>
12 </html>
13
14
```

OUTPUT

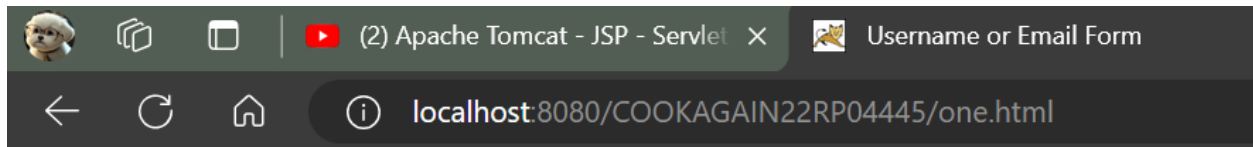




Thank You!

Your information has been saved successfully. [Go back](#)

When you go back



Enter Your Username or Email

Username or Email: