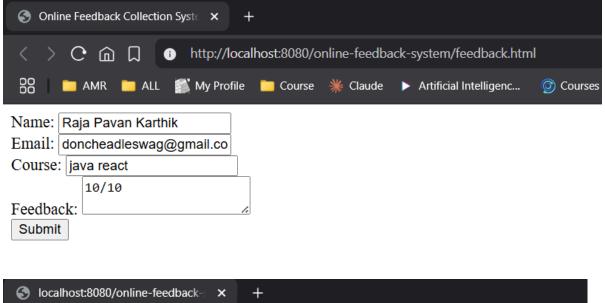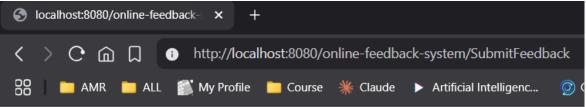**Case Study: Online Feedback Collection System**

Objective: An educational institution needs an online system to collect student feedback on courses or instructors. Students will fill out a form, and the data will be processed by a backend Java servlet hosted on a Tomcat 10+ server using Jakarta EE 9+ APIs.

SubmitFeedback.java ✕

```java
package com.feedback.servlet;

import java.io.IOException;
import java.io.PrintWriter;

import jakarta.servlet.annotation.WebServlet;
import jakarta.servlet.http.HttpServlet;
import jakarta.servlet.http.HttpServletRequest;
import jakarta.servlet.http.HttpServletResponse;

@WebServlet
public class SubmitFeedback extends HttpServlet{
    protected void doPost(HttpServletRequest request, HttpServletResponse response) throws IOException {
        response.setContentType("text/html");
        PrintWriter out = response.getWriter();

        String name = request.getParameter("name");
        String email = request.getParameter("email");
        String course = request.getParameter("course");
        String message = request.getParameter("message");

        out.println("<h2>Thank you for your feedback!</h2>");
        out.println("<p>Name: " + name + "</p>");
        out.println("<p>Email: " + email + "</p>");
        out.println("<p>Course: " + course + "</p>");
        out.println("<p>Message: " + message + "</p>");
    }
}
```

feedback.html ✕

```html
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>Insert title here</title>
</head>
<body>
    <form action="SubmitFeedback" method="post">
        Name: <input type="text" name="name"><br>
        Email: <input type="email" name="email"><br>
        Course: <input type="text" name="course"><br>
        Feedback: <textarea name="message"></textarea><br>
        <input type="submit" value="Submit">
    </form>
</body>
</html>
```

Name: Raja Pavan Karthik
Email: doncheadleswag@gmail.co
Course: java react

Feedback:
10/10

Submit

Thank you for your feedback!

Name: Raja Pavan Karthik

Email: doncheadleswag@gmail.com

Course: java react

Message: 10/10

```
online-feedback-system
  Deployment Descriptor: online-feedback-system
  JAX-WS Web Services
  Java Resources
    src/main/java
      com.feedback.servlet
        SubmitFeedback.java
    Libraries
  Referenced Libraries
  build
  src
    main
      java
      webapp
        META-INF
          MANIFEST.MF
        WEB-INF
          lib
            jakarta.servlet.jsp.jstl-2.0.0.jar
            jakarta.servlet.jsp.jstl-api-2.0.0.jar
            javax.servlet.jsp-api-2.3.3.jar
            jsp-api-2.0.jar
            jstl-1.2.jar
            standard-1.1.2.jar
          web.xml
        feedback.html
```