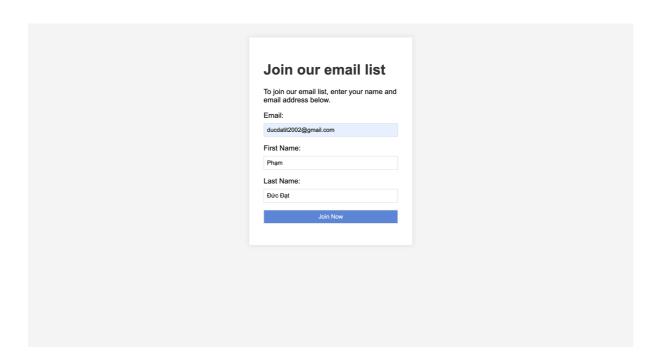
Name: Pham Duc Dat

ID: ITITIU20184



Thanks for joining our email list

Here is the information that you entered:

Email: ducdatit2002@gmail.com First Name: Pham Last Name: Đức Đạt

To enter another email address, click on the Return button shown below.

Return

1. emailList.jsp

```
<%@ page language="java" contentType="text/html; charset=UTF-8" pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
<head>
    <meta charset="UTF-8">
   <title>Join our email list</title>
   <link rel="stylesheet" type="text/css" href="style.css">
</head>
<body>
<div class="form-container">
   <h1>Join our email list</h1>
    To join our email list, enter your name and email address below.
   <form action="EmailServlet" method="post">
       <div class="form-field">
           <label for="email">Email:</label>
            <input type="email" id="email" name="email" required>
       </div>
       <div class="form-field">
            <label for="firstName">First Name:</label>
            <input type="text" id="firstName" name="firstName" required>
       </div>
       <div class="form-field">
           <label for="lastName">Last Name:</label>
            <input type="text" id="lastName" name="lastName" required>
       </div>
        <div class="form-field">
           <input type="submit" value="Join Now">
       </div>
    </form>
</div>
</body>
</html>
```

2. thankyou.jsp

```
g page language="java" contentType="text/html; charset=UTF-8" pageEncoding="UTF-8"%
    <!DOCTYPE html>
    <html>
    <head>
      <title>Thank You</title>
      <link rel="stylesheet" type="text/css" href="css/style.css">
    <body>
      <h1>Thanks for joining our email list</h1>
      Here is the information that you entered:
      Last Name:<%= request.getAttribute("lastName") %>
      To enter another email address, click on the Back button in your browser or the Return button shown
      <form action="emailList.jsp">
         <input type="submit" value="Return">
      </form>
   </body>
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   </html>
```

3. style.css

```
Lab4Ex > src > main > webapp > 🗦 style.css > ...
      body {
          font-family: Arial, sans-serif; background-color: ☐#f4f4f4;
           margin: 0;
          padding: 0;
      .form-container {
         background-color: □#fff;
          margin: 2em auto;
           padding: 2em;
          width: 300px;
          box-shadow: 0 0 10px □rgba(0, 0, 0, 0.1);
         color: □#333;
          margin-bottom: 1em;
      label {
          display: block;
          margin-bottom: .5em;
       input[type="text"],
      input[type="email"],
      input[type="submit"] {
          width: 100%;
           padding: .5em;
           border: 1px solid □#ddd;
          box-sizing: border-box;
      input[type="submit"] {
  background-color: □#5c85d6;
  color: □white;
  cursor: pointer;
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      input[type="submit"]:hover {
           background-color: □#4a70c8;
```

4. EmailServlet.java

```
Lab4Ex > src > main > java > part3 > ■ EmailServlet.java > ...
      import java.io.*;
      public class EmailServlet extends HttpServlet {
          public void doPost(HttpServletRequest request, HttpServletResponse response)
          throws ServletException, IOException {
              response.setContentType("text/html");
              PrintWriter out = response.getWriter();
              String email = request.getParameter("email");
              String firstName = request.getParameter("firstName");
              String lastName = request.getParameter("lastName");
              if(email == null || !email.matches(regex:"^[A-Za-z0-9+_.-]+@(.+)$")) {
                  out.println(x:"Invalid email format. Please go back and try again.");
              } else if(firstName == null || firstName.trim().isEmpty()) {
                  out.println(x:"First name is required. Please go back and try again.");
              } else if(lastName == null || lastName.trim().isEmpty()) {
                  out.println(x:"Last name is required. Please go back and try again.");
                  request.setAttribute("email", email);
                  request.setAttribute("firstName", firstName);
                  request.setAttribute("lastName", lastName);
                  RequestDispatcher dispatcher = request.getRequestDispatcher("thankYou.jsp");
                  dispatcher.forward(request, response);
```