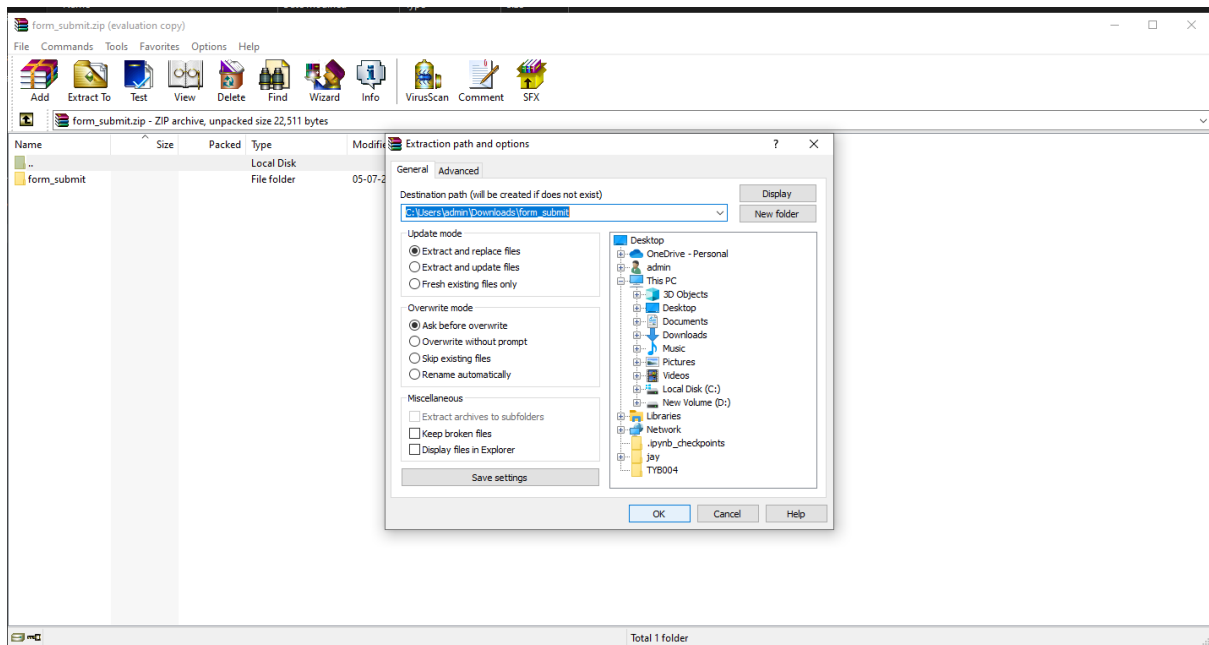
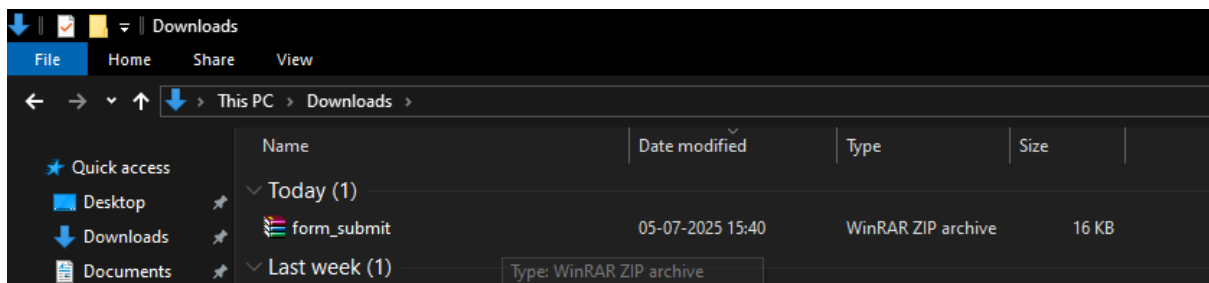
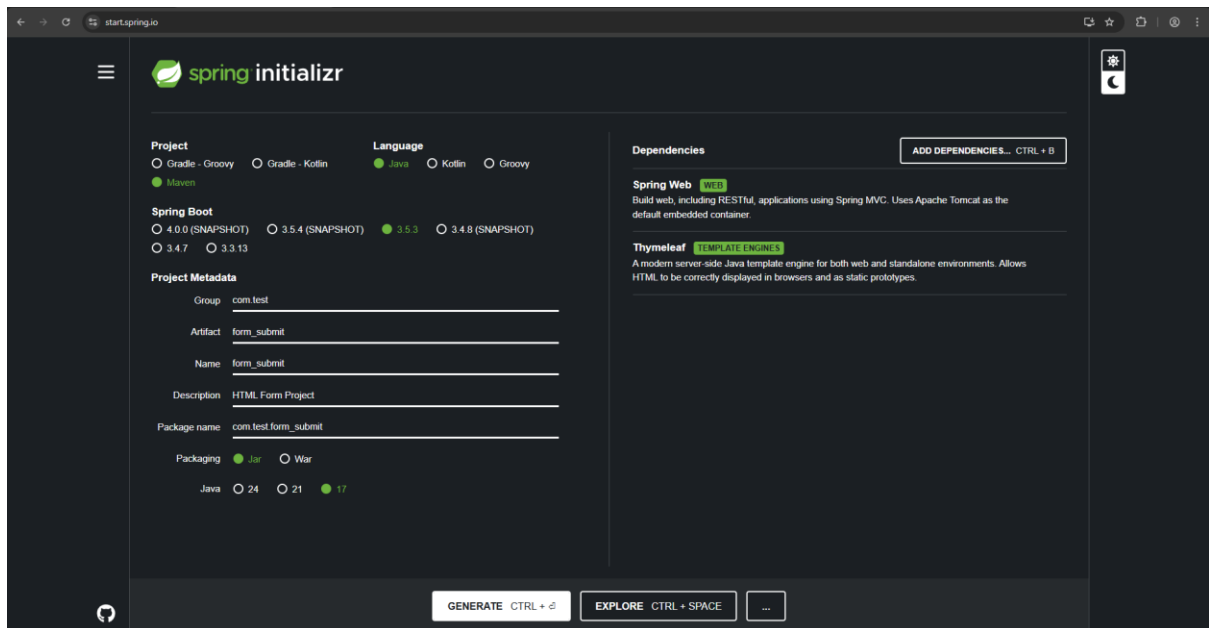
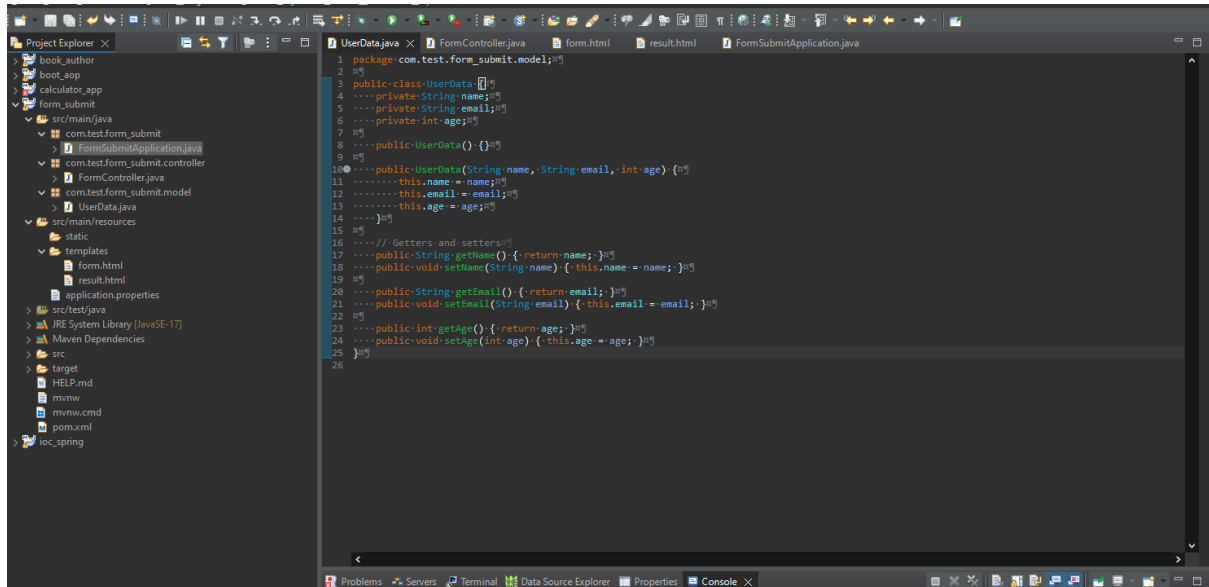


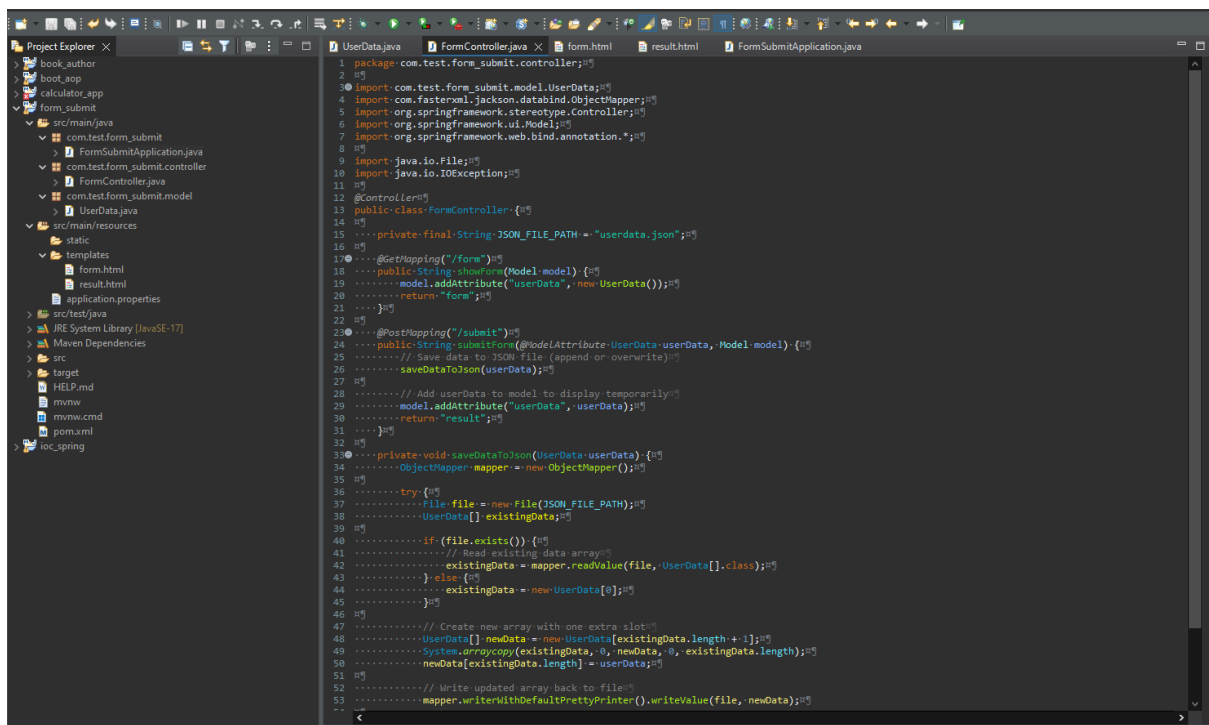
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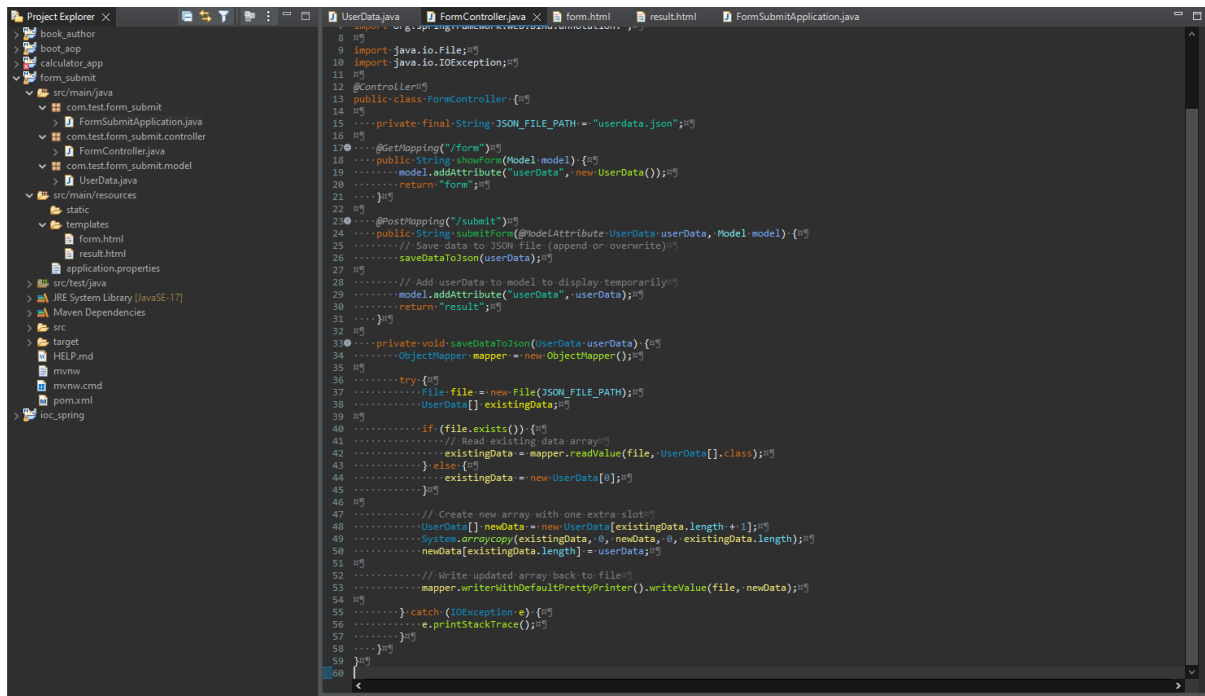


```
1 package com.test.form_submit.model;
2
3 public class User {
4     private String name;
5     private String email;
6     private int age;
7
8     public User() {}
9
10    public User(String name, String email, int age) {
11        this.name = name;
12        this.email = email;
13        this.age = age;
14    }
15
16    // Getters and Setters
17    public String getName() { return name; }
18    public void setName(String name) { this.name = name; }
19
20    public String getEmail() { return email; }
21    public void setEmail(String email) { this.email = email; }
22
23    public int getAge() { return age; }
24    public void setAge(int age) { this.age = age; }
25
26 }
```

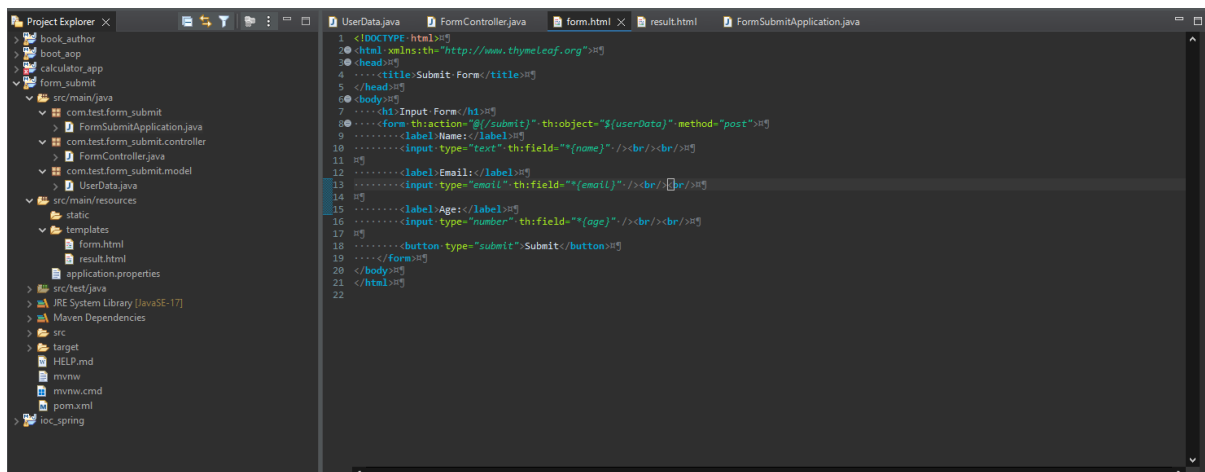


```
1 package com.test.form_submit.controller;
2
3 import com.test.form_submit.model.User;
4 import com.fasterxml.jackson.databind.ObjectMapper;
5 import org.springframework.stereotype.Controller;
6 import org.springframework.ui.Model;
7 import org.springframework.web.bind.annotation.*;
8
9 import java.io.File;
10 import java.io.IOException;
11
12 @Controller
13 public class FormController {
14
15     private final String JSON_FILE_PATH = "userdata.json";
16
17     @GetMapping("/form")
18     public String showForm(Model model) {
19         model.addAttribute("userData", new User());
20         return "form";
21     }
22
23     @PostMapping("/submit")
24     public String submitForm(@ModelAttribute User userData, Model model) {
25         // Save data to JSON file (append or overwrite)
26         saveDataToJson(userData);
27
28         // Add userData to model to display temporarily
29         model.addAttribute("userData", userData);
30         return "result";
31     }
32
33     private void saveDataToJson(User userData) {
34         ObjectMapper mapper = new ObjectMapper();
35
36         try {
37             File file = new File(JSON_FILE_PATH);
38             User[] existingData;
39
40             if (file.exists()) {
41                 // Read existing data array
42                 existingData = mapper.readValue(file, User[].class);
43             } else {
44                 existingData = new User[0];
45             }
46
47             // Create new array with one extra slot
48             User[] newData = new User[existingData.length + 1];
49             System.arraycopy(existingData, 0, newData, 0, existingData.length);
50             newData[existingData.length] = userData;
51
52             // Write updated array back to file
53             mapper.writeValue(file, newData);
54         } catch (IOException e) {
55             e.printStackTrace();
56         }
57     }
58 }
```

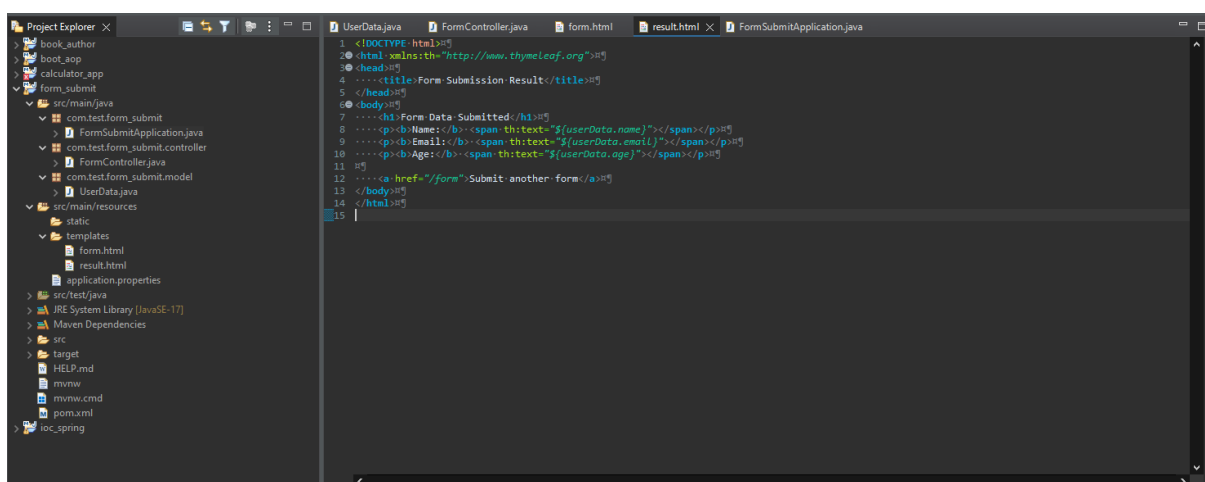
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```
1 import org.springframework.web.servlet.mvc.annotation.AnnotationMethodMapping;
2 import org.springframework.web.servlet.mvc.annotation.AnnotationMethodMapping;
3 import java.io.File;
4 import java.io.IOException;
5 import java.io.InputStream;
6 import java.io.OutputStream;
7 import java.io.PrintWriter;
8 import java.io.Writer;
9 import java.util.ArrayList;
10 import java.util.List;
11 import java.util.Map;
12 import java.util.HashMap;
13 import java.util.Collections;
14 import java.util.Date;
15 import java.util.concurrent.ConcurrentHashMap;
16 import java.util.concurrent.ConcurrentMap;
17 import java.util.concurrent.ConcurrentMap;
18 import java.util.concurrent.ConcurrentMap;
19 import java.util.concurrent.ConcurrentMap;
20 import java.util.concurrent.ConcurrentMap;
21 import java.util.concurrent.ConcurrentMap;
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56 import java.util.concurrent.ConcurrentMap;
57 import java.util.concurrent.ConcurrentMap;
58 import java.util.concurrent.ConcurrentMap;
59 import java.util.concurrent.ConcurrentMap;
60 import java.util.concurrent.ConcurrentMap;
```

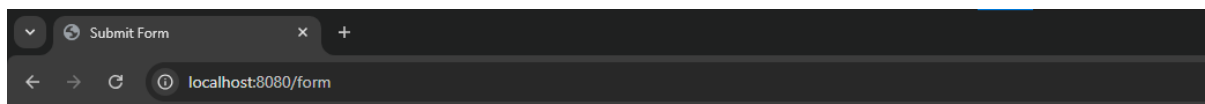
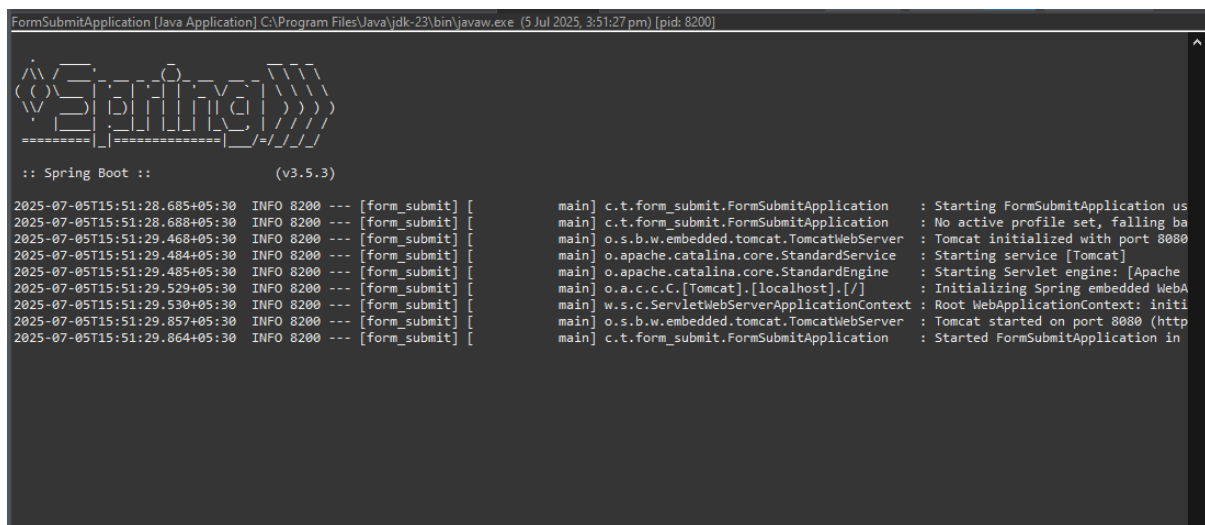
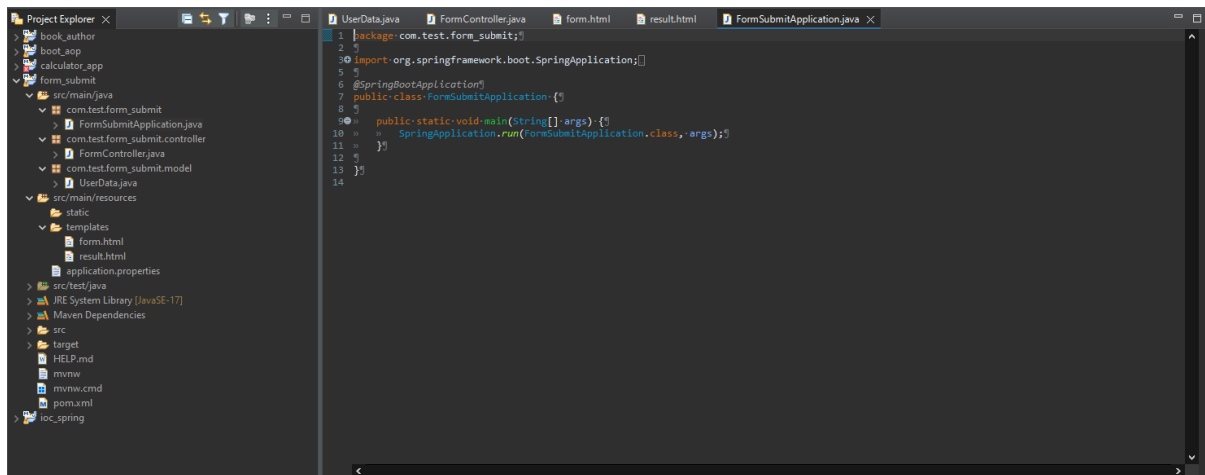


```
1 <!DOCTYPE html>
2 <html xmlns:th="http://www.thymeleaf.org">
3 <head>
4 <title>Submit Form</title>
5 </head>
6 <body>
7 <div class="input-form">
8 <div class="form-group">
9 <input type="text" th:field="*{name}" />
10 </div>
11 <div class="form-group">
12 <input type="email" th:field="*{email}" />
13 </div>
14 <div class="form-group">
15 <input type="number" th:field="*{age}" />
16 </div>
17 <div class="form-group">
18 <input type="submit" value="Submit" />
19 </div>
20 </div>
21 </body>
22 </html>
```



```
1 <!DOCTYPE html>
2 <html xmlns:th="http://www.thymeleaf.org">
3 <head>
4 <title>Form Submission Result</title>
5 </head>
6 <body>
7 <div class="form-data-submitted">
8 <div class="form-group">
9 <input type="text" th:field="*{name}" />
10 </div>
11 <div class="form-group">
12 <input type="email" th:field="*{email}" />
13 </div>
14 <div class="form-group">
15 <input type="number" th:field="*{age}" />
16 </div>
17 <div class="form-group">
18 <input type="submit" value="Submit" />
19 </div>
20 </div>
21 </body>
22 </html>
```

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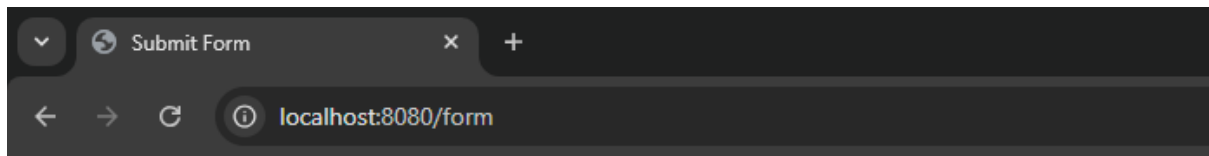


Input Form

Name:

Email:

Age:

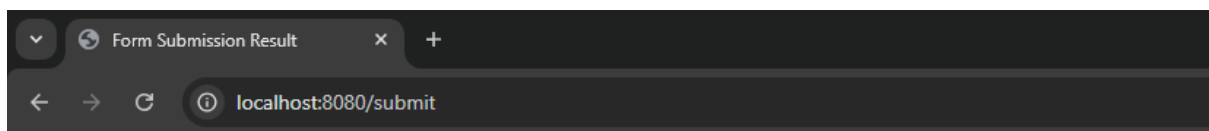


Input Form

Name:

Email:

Age:



Form Data Submitted

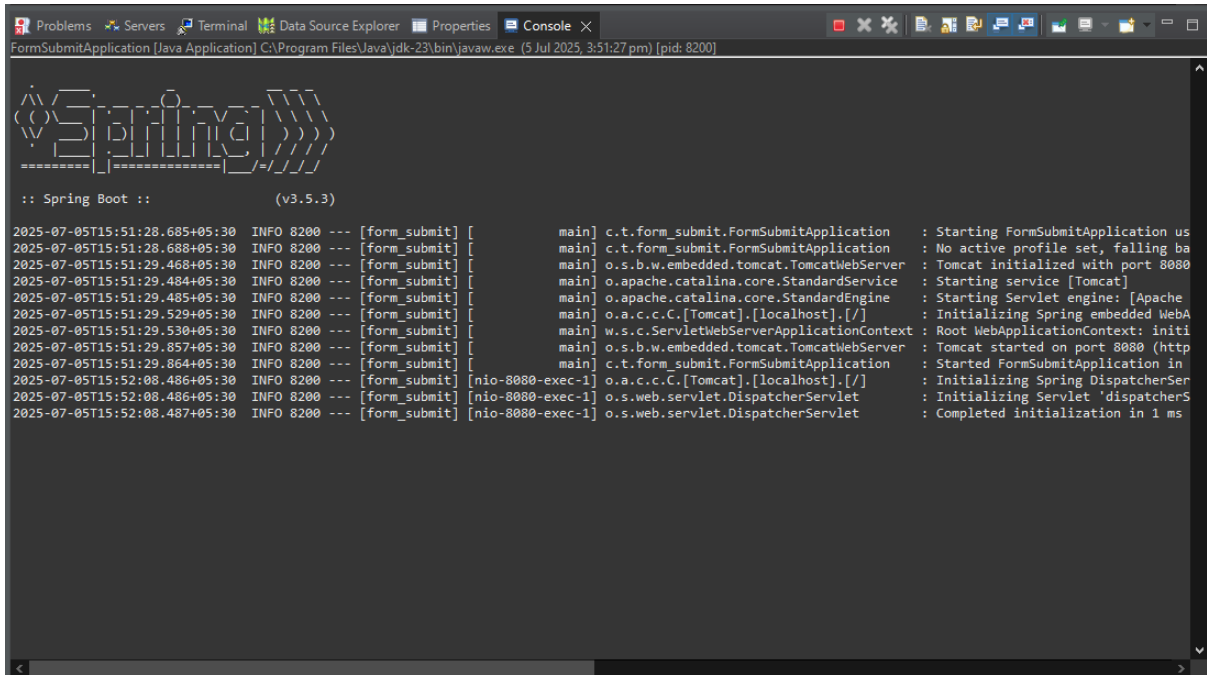
Name: ABCD

Email: abcd@gmail.com

Age: 50

[Submit another form](#)

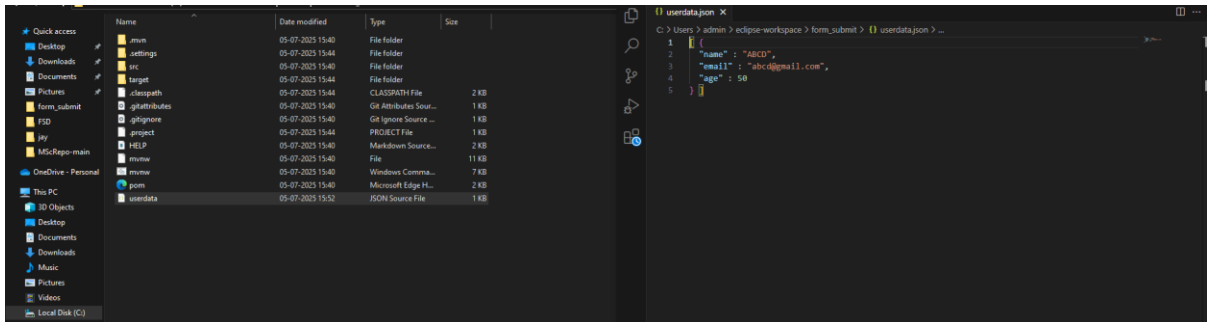
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```
FormSubmitApplication [Java Application] C:\Program Files\Java\jdk-23\bin\javaw.exe (5 Jul 2025, 3:51:27 pm) [pid: 8200]

:: Spring Boot :: (v3.5.3)

2025-07-05T15:51:28.685+05:30 INFO 8200 --- [form_submit] [main] c.t.form_submit.FormSubmitApplication : Starting FormSubmitApplication us
2025-07-05T15:51:28.688+05:30 INFO 8200 --- [form_submit] [main] c.t.form_submit.FormSubmitApplication : No active profile set, falling ba
2025-07-05T15:51:29.468+05:30 INFO 8200 --- [form_submit] [main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat initialized with port 8080
2025-07-05T15:51:29.484+05:30 INFO 8200 --- [form_submit] [main] o.apache.catalina.core.StandardService : Starting service [Tomcat]
2025-07-05T15:51:29.485+05:30 INFO 8200 --- [form_submit] [main] o.apache.catalina.core.StandardEngine : Starting Servlet engine: [Apache
2025-07-05T15:51:29.529+05:30 INFO 8200 --- [form_submit] [main] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring embedded WebA
2025-07-05T15:51:29.530+05:30 INFO 8200 --- [form_submit] [main] w.s.c.ServletWebServerApplicationContext : Root WebApplicationContext: initi
2025-07-05T15:51:29.857+05:30 INFO 8200 --- [form_submit] [main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat started on port 8080 (http
2025-07-05T15:51:29.864+05:30 INFO 8200 --- [form_submit] [main] c.t.form_submit.FormSubmitApplication : Started FormSubmitApplication in
2025-07-05T15:52:08.486+05:30 INFO 8200 --- [form_submit] [nio-8080-exec-1] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring DispatcherSer
2025-07-05T15:52:08.486+05:30 INFO 8200 --- [form_submit] [nio-8080-exec-1] o.s.web.servlet.DispatcherServlet : Initializing Servlet 'dispatcherS
2025-07-05T15:52:08.487+05:30 INFO 8200 --- [form_submit] [nio-8080-exec-1] o.s.web.servlet.DispatcherServlet : Completed initialization in 1 ms
```



Name	Date modified	Type	Size
userdata	05-07-2025 15:52	JSON Source File	1 KB
userdata.json	05-07-2025 15:52	JSON Source File	1 KB

```
1 {
2   "name": "ABCD",
3   "email": "abcd@gmail.com",
4   "age": 50
5 }
```