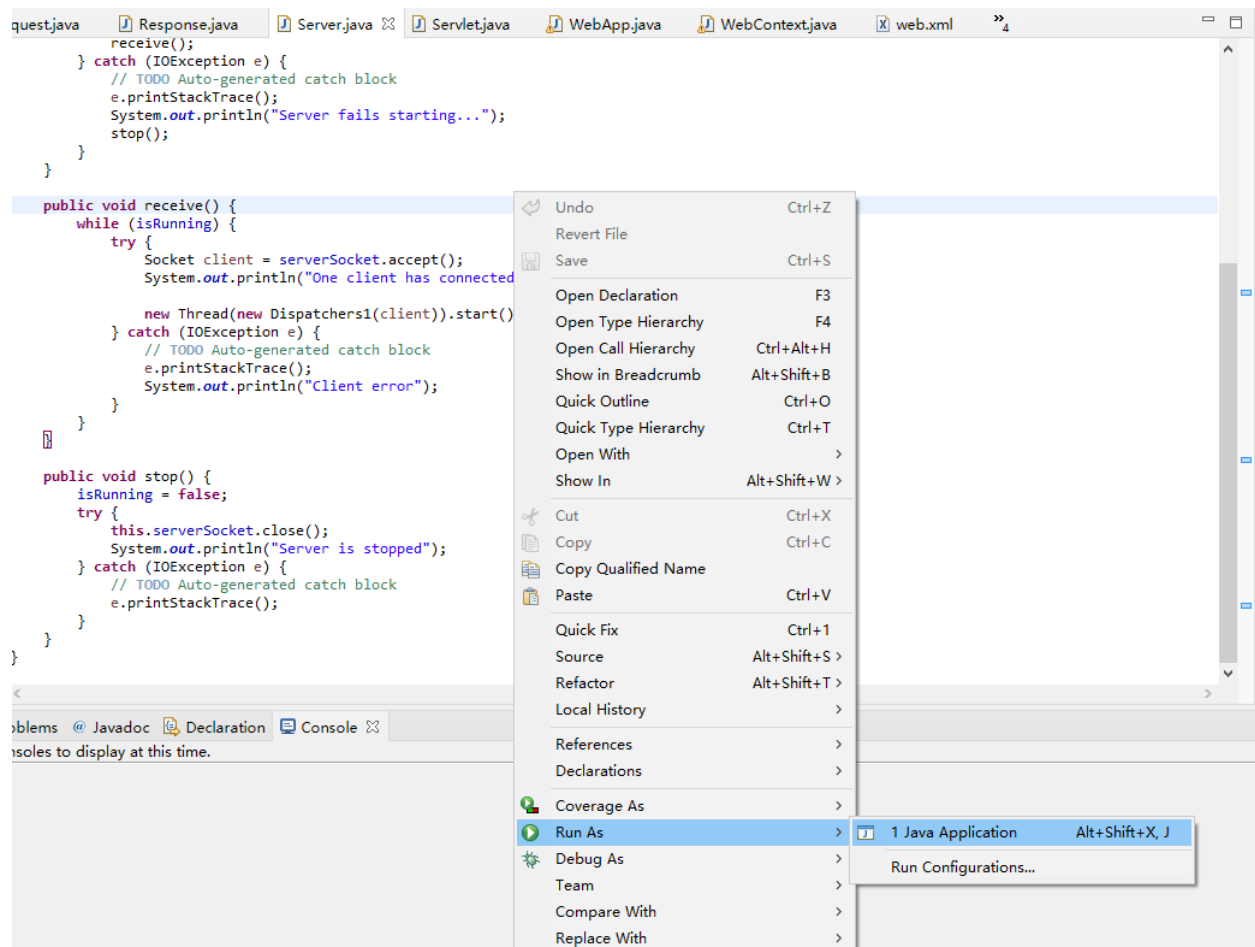
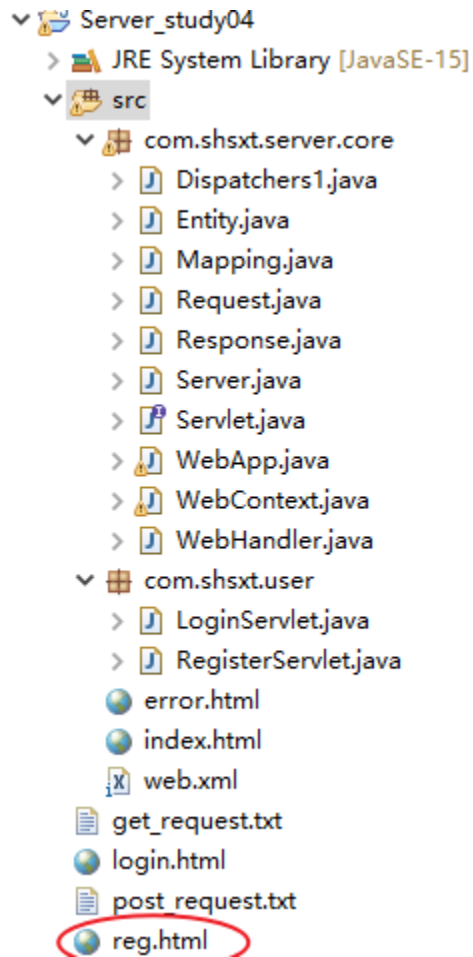


- Find server



- Start Server



- Open reg.html in browser

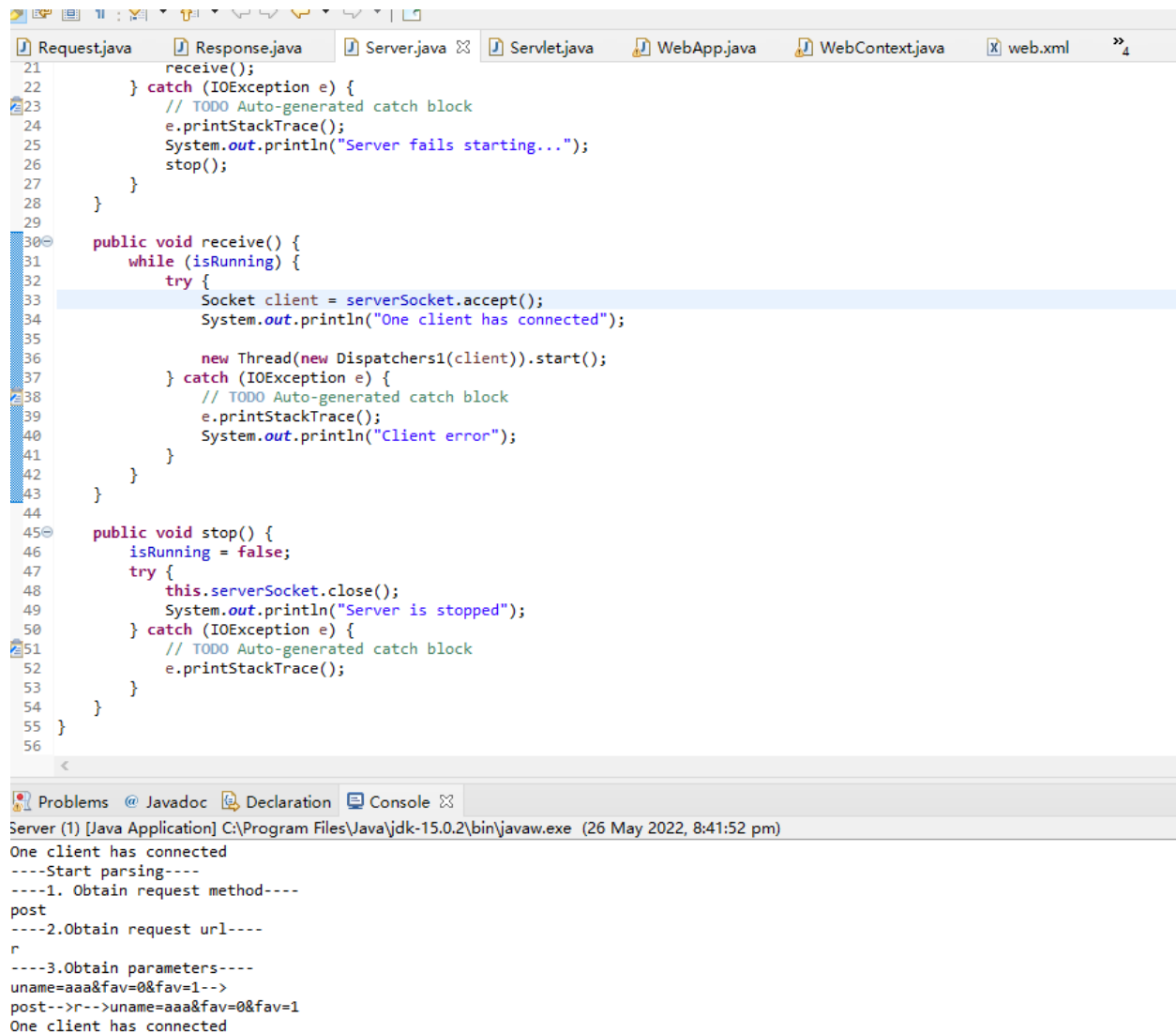
Please register

Username: Your book: ☐ 1 ☐ 2 ☐ 3

- Type in username, choose book, click login

Your register info: aaa Your fav type is: 12

- User information sends to server



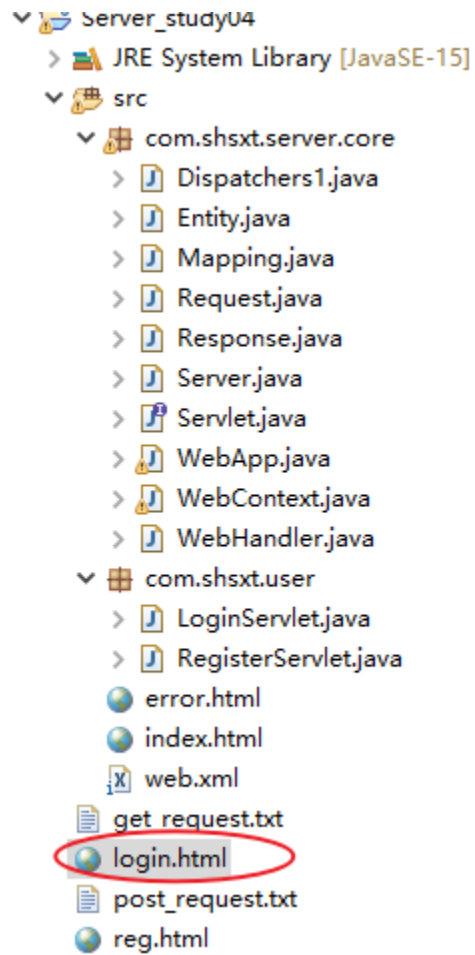
The screenshot shows an IDE with several tabs: Request.java, Response.java, Server.java (active), Servlet.java, WebApp.java, WebContext.java, and web.xml. The Server.java file contains the following code:

```
21 receive();
22 } catch (IOException e) {
23     // TODO Auto-generated catch block
24     e.printStackTrace();
25     System.out.println("Server fails starting...");
26     stop();
27 }
28 }
29
30 public void receive() {
31     while (isRunning) {
32         try {
33             Socket client = serverSocket.accept();
34             System.out.println("One client has connected");
35
36             new Thread(new Dispatchers1(client)).start();
37         } catch (IOException e) {
38             // TODO Auto-generated catch block
39             e.printStackTrace();
40             System.out.println("Client error");
41         }
42     }
43 }
44
45 public void stop() {
46     isRunning = false;
47     try {
48         this.serverSocket.close();
49         System.out.println("Server is stopped");
50     } catch (IOException e) {
51         // TODO Auto-generated catch block
52         e.printStackTrace();
53     }
54 }
55 }
56
```

The console output at the bottom shows the following messages:

```
Server (1) [Java Application] C:\Program Files\Java\jdk-15.0.2\bin\javaw.exe (26 May 2022, 8:41:52 pm)
One client has connected
----Start parsing----
----1. Obtain request method----
post
----2.Obtain request url----
r
----3.Obtain parameters----
uname=aaa&fav=0&fav=1-->
post-->r-->uname=aaa&fav=0&fav=1
One client has connected
```

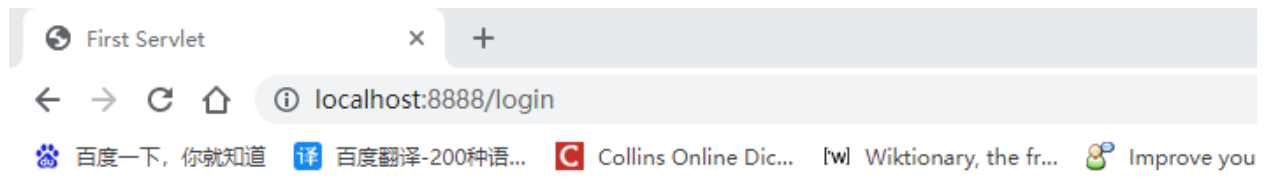
- Server select register servlet



- Activate Server again, open login.html in browser

Username: Password:

- Type in username and password



Welecome back: jerry

- Browser gets response from server and login successfully

```

42     }
43 }
44
45 public void stop() {
46     isRunning = false;
47     try {
48         this.serverSocket.close();
49         System.out.println("Server is stopped");
50     } catch (IOException e) {
51         // TODO Auto-generated catch block
52         e.printStackTrace();
53     }
54 }
55 }
56

```

Problems @ Javadoc Declaration Console

Server (1) [Java Application] C:\Program Files\Java\jdk-15.0.2\bin\javaw.exe (26 May 2022, 8:00)

```

One client has connected
----Start parsing----
----1. Obtain request method----
post
----2.Obtain request url----
login
----3.Obtain parameters----
uname=jerry&pwd=123-->
post-->login-->uname=jerry&pwd=123
One client has connected

```

- Server parsing login information and select Login Servlet