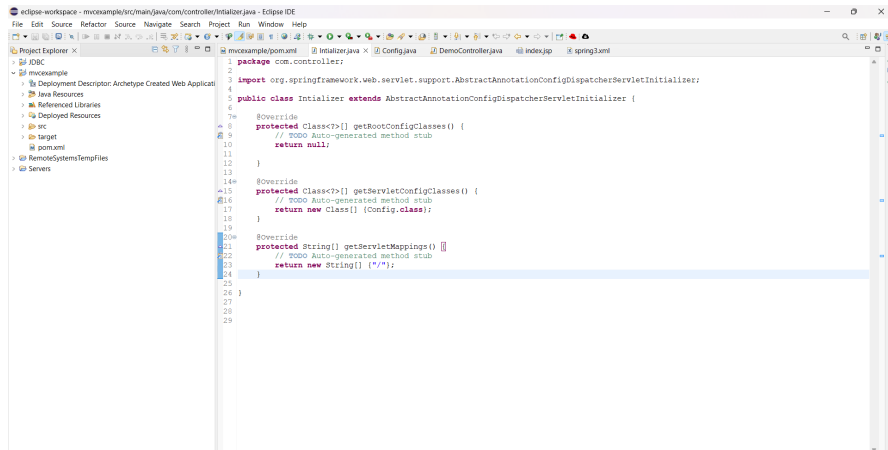


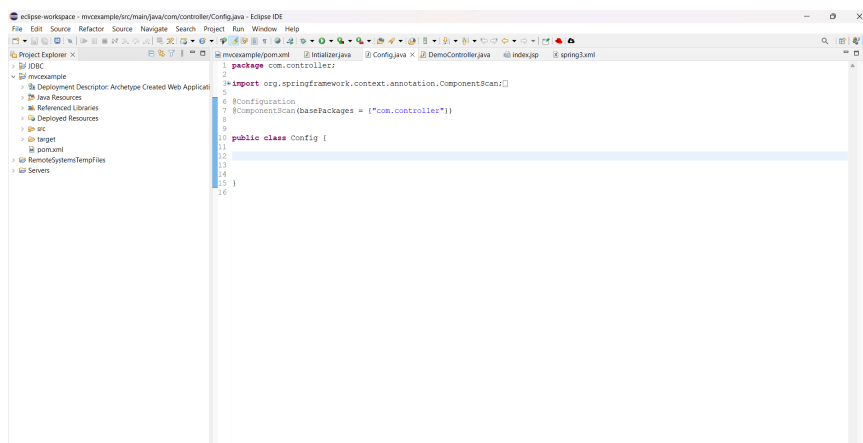
Searching for a Specific User and Updating the User Information

PACKAGE:COM.CONTROLLER



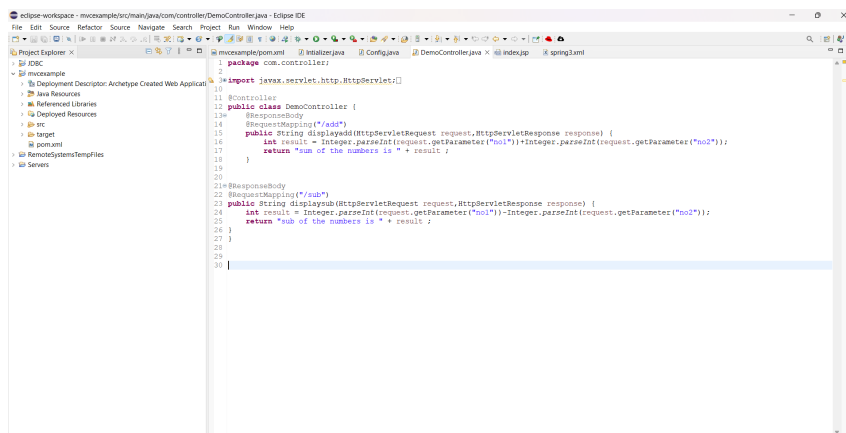
The screenshot shows the Eclipse IDE with the file `com.controller_INITIALIZER.java` open. The code defines an `Initializer` class that extends `AbstractAnnotationConfigDispatcherServletInitializer`. It includes methods for `getRootConfigClasses()`, `getServletConfigClasses()`, and `getServletMappings()`.

```
1 package com.controller;
2
3 import org.springframework.web.servlet.support.AbstractAnnotationConfigDispatcherServletInitializer;
4
5 public class Initializer extends AbstractAnnotationConfigDispatcherServletInitializer {
6
7     @Override
8     protected Class<?>[] getRootConfigClasses() {
9         // TODO Auto-generated method stub
10        return null;
11    }
12
13
14
15     @Override
16     protected Class<?>[] getServletConfigClasses() {
17         // TODO Auto-generated method stub
18         return new Class[] { Config.class };
19     }
20
21     @Override
22     protected String[] getServletMappings() {
23         // TODO Auto-generated method stub
24         return new String[] { "/" };
25     }
26 }
27
28
29
```



The screenshot shows the Eclipse IDE with the file `com.controller_CONFIG.java` open. The code defines a `Config` class that implements `@Configuration` and `ComponentScan`. It includes a `basePackages` property and a `public class` declaration.

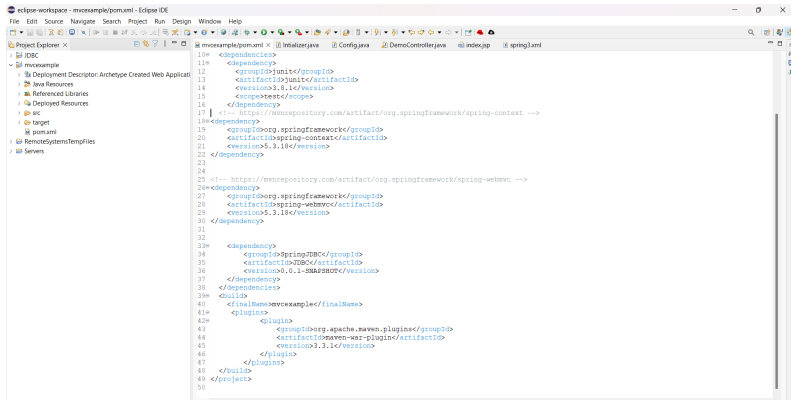
```
1 package com.controller;
2
3 import org.springframework.context.annotation.ComponentScan;
4
5 @Configuration
6 @ComponentScan(basePackages = {"com.controller"})
7
8 public class Config {
9
10
11
12
13
14
15 }
16
```



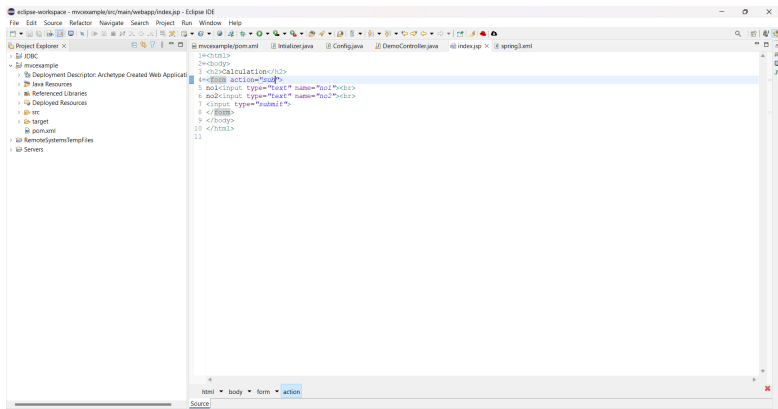
The screenshot shows the Eclipse IDE with the file `com.controller_DEMO_CONTROLLER.java` open. The code defines a `DemoController` class that implements `Controller` and `ResponseBody`. It includes a `displayAdd` method that takes a `HttpServletRequest` and a `HttpServletResponse` as input and returns a `String`.

```
1 package com.controller;
2
3 import javax.servlet.http.HttpServletRequest;
4
5 @Controller
6 @ResponseBody
7 public class DemoController {
8
9     @RequestMapping("/add")
10     public String displayAdd(HttpServletRequest request, HttpServletResponse response) {
11         int result = Integer.parseInt(request.getParameter("no1")) + Integer.parseInt(request.getParameter("no2"));
12         return "Sum of the numbers is " + result;
13     }
14
15     @RequestMapping("/sub")
16     public String displaySub(HttpServletRequest request, HttpServletResponse response) {
17         int result = Integer.parseInt(request.getParameter("no1")) - Integer.parseInt(request.getParameter("no2"));
18         return "Sub of the numbers is " + result;
19     }
20
21 }
22
23
24
25
26
27
28
29
30
```

POM.XML



INDEX.JSP



OUTPUT:

