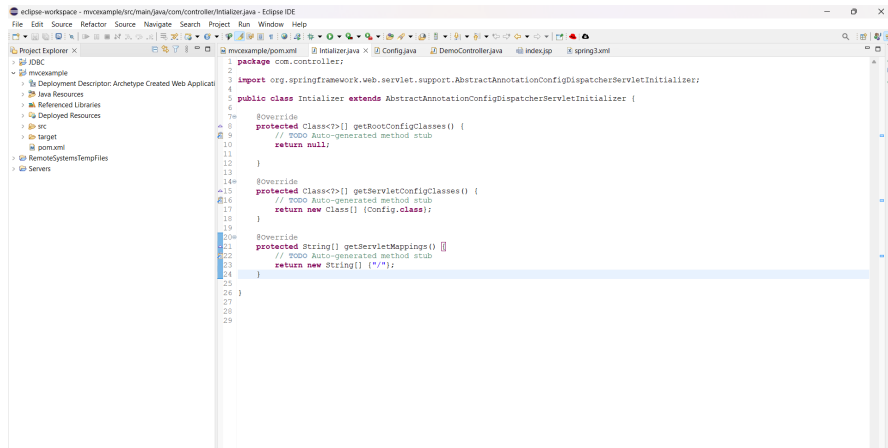


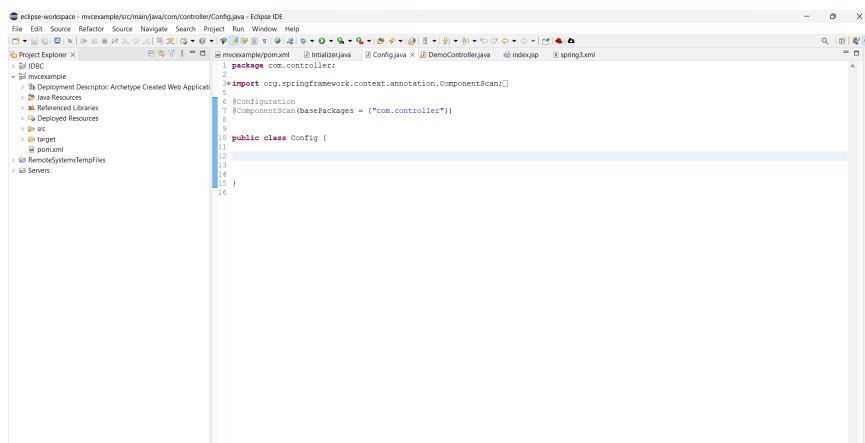
# Searching for a Specific User and Updating the User Information

## PACKAGE:COM.CONTROLLER



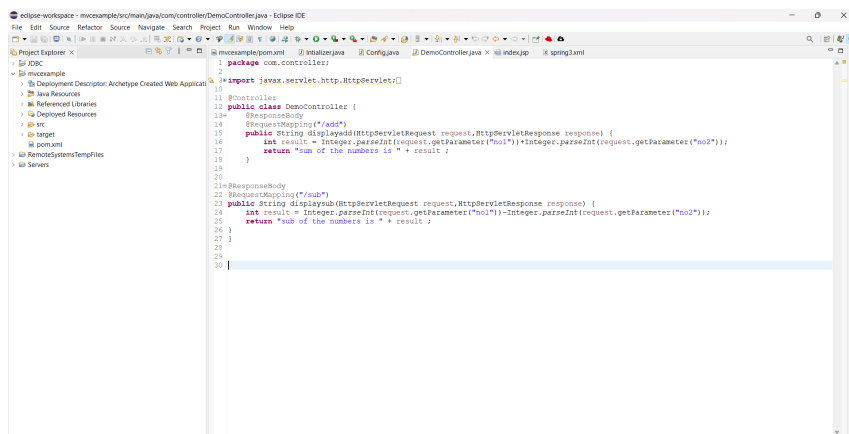
This screenshot shows the Eclipse IDE with the file `com.controller_INITIALIZER.java` open. The code defines an `Initializer` class that extends `AbstractAnnotationConfigDispatcherServletInitializer`. It includes methods for getting root config classes, servlet config classes, and servlet mappings.

```
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
22     @Override
23     protected String[] getServletMappings() {
24         // TODO Auto-generated method stub
25        return new String[] { "/" };
26    }
27
28
29 }
```



This 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 specifies the base packages to scan for components.

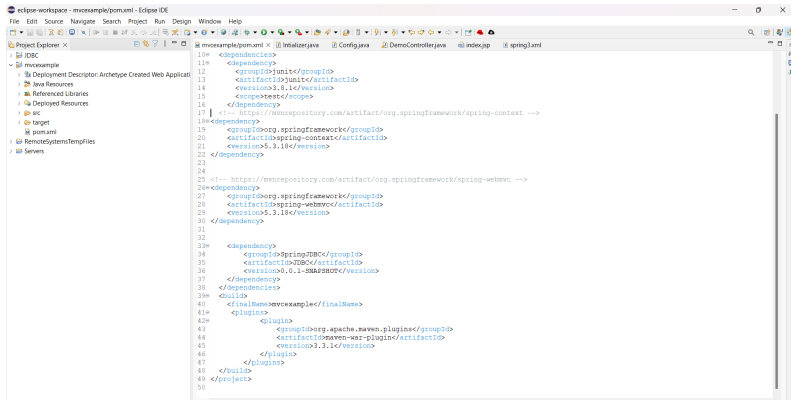
```
1 package com.controller;
2
3 import org.springframework.context.annotation.ComponentScan;
4
5 @Configuration
6 @ComponentScan(basePackages = {"com.controller"})
7
8 public class Config {
9
10
11
12
13
14
15
16 }
```



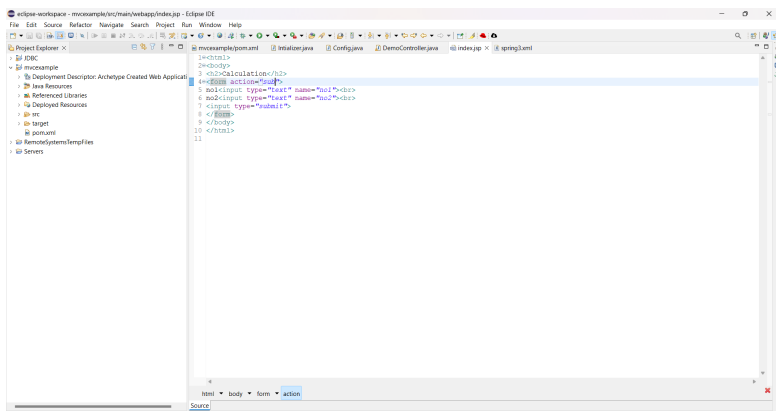
This screenshot shows the Eclipse IDE with the file `com.controller_DEMO_CONTROLLER.java` open. The code defines a `DemoController` class that implements `Controller`. It includes a `displayAdd` method that takes two integers as input and returns their sum.

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

## POM.XML



## INDEX.JSP



**OUTPUT:**

