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Course & Section: BSIT 3-1

Activity 2 [FINALS]

HomeController.java
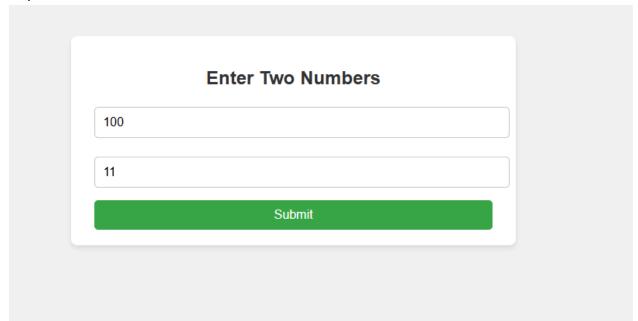
```java
1 package com.pup.taguig.app.controller;
2
3 import com.pup.taguig.app.SpringBootWeb1Application;
4
5 import org.springframework.stereotype.Controller;
6 import org.springframework.web.bind.annotation.RequestMapping;
7 import org.springframework.web.servlet.ModelAndView;
8
9 @Controller
10 public class HomeController {
11
12     private final SpringBootWeb1Application springBootWeb1Application;
13
14     HomeController(SpringBootWeb1Application springBootWeb1Application) {
15         this.springBootWeb1Application = springBootWeb1Application;
16     }
17
18     @RequestMapping("home")
19     public String home() {
20         System.out.println("Calling Home Controller");
21         return "index";
22     }
23
24     @RequestMapping("add")
25     public ModelAndView add(int number1, int number2, ModelAndView model) {
26
27         int result = number1 + number2;
28         System.out.println(result);
29         //model.addAttribute("result", result);
30         model.addObject("result", result);
31         model.setViewName("result");
32
33         return model;
34     }
35 }
36
```

index.jsp

```jsp
1  <%@ page language="java" contentType="text/html; charset=UTF-8"
2      pageEncoding="UTF-8"%>
3  <!DOCTYPE html>
4  <html>
5      <head>
6          <meta charset="UTF-8">
7          <title>Insert title here</title>
8
9          <link rel = "stylesheet" type = "text/css" href="views/style.css">
10     </head>
11
12     <body>
13         <div class="form-container">
14             <h2> Enter Two Numbers </h2>
15             <form action="add">
16                 <input type="number" name="number1" placeholder="Enter first number" required>
17
18                 <input type="number" name="number2" placeholder="Enter second number" required>
19
20                 <input type="submit" value="Submit">
21             </form>
22         </div>
23     </body>
24 </html>
25
```

result.jsp

```jsp
1  <%@ page language="java" contentType="text/html; charset=UTF-8"
2      pageEncoding="UTF-8"%>
3  <!DOCTYPE html>
4  <html>
5      <head>
6          <meta charset="UTF-8">
7          <title>Insert title here</title>
8
9          <link rel = "stylesheet" type = "text/css" href="views/style.css">
10     </head>
11
12     <body>
13         <h2>Result is ${result}</h2>
14     </body>
15 </html>
16
```

output:

Enter Two Numbers

100

11

Submit

Result is 111

2025-05-22T21:18:08.638+08:00 INFO 855
2025-05-22T21:18:08.639+08:00 INFO 855
Home Controller
111