

# PRACTICE ASSESSMENT 5

## OVERVIEW

Implement a Spring MVC web application that has two pages: a **calculator** page and a **result** page. The **calculator** page will allow the user to select different operations and input 2 numbers. Upon hitting submit, the user will be redirected to the **result** view, which will grab the result from the **HomeController** and display them.

## BUILD SPECIFICATIONS

The assignment is worth ten points, one for each of the test cases below. **Pay special attention to the spelling and capitalization of the items in bold.**

### 1. **calculator** view

- a. This view will have a form with the following inputs
  - i. A number input with the name **num\_one**
  - ii. A number input with the name **num\_two**
  - iii. A set of radio buttons with the name of **operation** and the following values:  
**plus**  
**minus**  
**multiply**  
**divide**

### 2. **result** action

- a. Take in the following as parameters:
    - I. **num\_one**
    - II. **num\_two**
    - III. **operation**
  - b. If operation is a **plus**, then add **num\_one** and **num\_two**, sending the result to the view as a model attribute named **mathResult**. Also send the operation to the view as a model attribute named **operation**.
  - c. Do the same for each other operation.
- ### 3. **result** view
- a. Display **mathResult**
  - b. Display **operation**

## SUBMISSION

When finished, add, commit, and push your code to GitHub classroom.