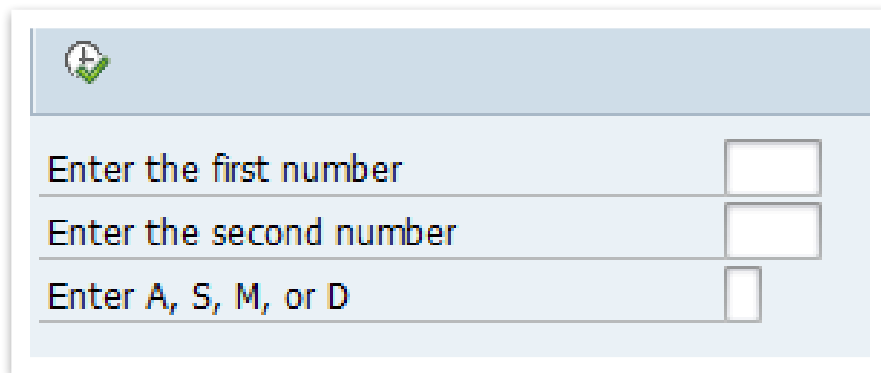


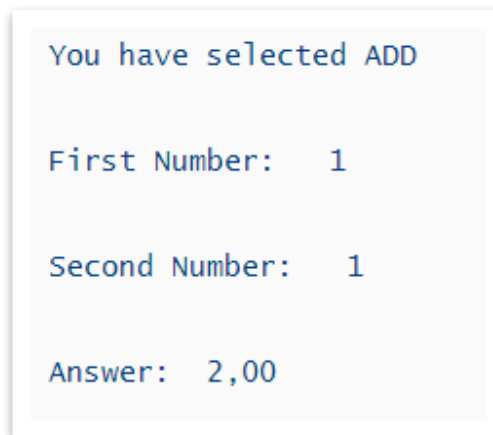
For this challenge lab you will construct a new calculator program. The program will accept two numbers from a user. The user will then enter a single letter code to add the numbers (A), subtract the numbers (S), multiply the numbers (M), or divide the numbers (D). If the user enters any other letter than A, S, M, or D, an error message (shown below) will be displayed. In addition, depending on the letter code (A, S, M, or D) the output will display a different message. Below are the input and output screens your program should display:

Input Screen

A mockup of the input screen for a calculator program. It features a light blue header bar with a green checkmark icon. Below the header, there are three input fields, each preceded by a label. The first field is labeled 'Enter the first number', the second 'Enter the second number', and the third 'Enter A, S, M, or D'. Each field is a simple white rectangle with a thin border.

Enter the first number	<input type="text"/>
Enter the second number	<input type="text"/>
Enter A, S, M, or D	<input type="text"/>

Output Screens

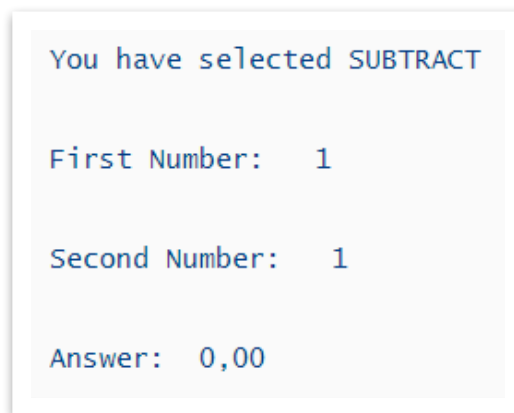
A mockup of the output screen for the ADD operation. It has a light blue header bar with the text 'You have selected ADD'. Below the header, there are three lines of text: 'First Number: 1', 'Second Number: 1', and 'Answer: 2,00'. The text is in a dark blue font.

You have selected ADD

First Number: 1

Second Number: 1

Answer: 2,00

A mockup of the output screen for the SUBTRACT operation. It has a light blue header bar with the text 'You have selected SUBTRACT'. Below the header, there are three lines of text: 'First Number: 1', 'Second Number: 1', and 'Answer: 0,00'. The text is in a dark blue font.

You have selected SUBTRACT

First Number: 1

Second Number: 1

Answer: 0,00

You have selected MULTIPLY

First Number: 1

Second Number: 1

Answer: 1,00

You have selected DIVIDE

First Number: 1

Second Number: 1

Answer: 1,00

Error Message

Error: Please enter A to Add, S to Subtract, M to Multiply, or D to Divide