

YOUR TASK: getBasicAddSub()

What Is It?

You will create a Java method called: “public static String[] getBasicAddSub() {}”. It will randomly generate simple addition and subtraction fraction questions, where the denominators are the same. It will also calculate/generate the answers. It will return the addition/subtraction question as well as the answer as strings in a String[] array.

Specifications:

- The two fractions that are being added/subtracted will have the same denominators.
- Both the denominators and the numerators will be between 1 and 10.
- The answer will be a reduced improper fraction.
- There should be a 50% chance of the question being an addition or a subtraction question.
- You may create helper methods as long as you include them in your code.
- You may import libraries as long as you include import statements in your code.
- You may not create your own classes.
- The return value should be a String[] array of length 2.
 - The first value will be the question in string form.
 - The second value will be the answer in string form.
- Please **comment your code**.

Sample Input:

There is no input for this method.

Sample Output:

- [“1/2 - 2/2”, “-1/2”]
- [“4/3 + 1/3”, “5/3”]
- [“7/10 - 2/10”, “1/2”]
- [“1/9 + 2/9”, “1/3”]

Starter Code:

```
public static String[] getBasicAddSub() {  
  
}
```

Submission Notes

- Send this to me as a **.java** file (email: abhargava@tcs.on.ca, or iMessage it to mem)
- Please tell me how long this took you (actual work time).