Task Nine: Calculator

Task:

In this task, you will be making a four-function caluculator (+, -, /, \*). It must also include buttons for the numbers 1, 2, 3, and 4. You may want to think about using GridLayout, or looking into other layouts on the Java API if you would like.

Good luck, and remember to ask if you have any questions.

Task Hints:

It might be a good idea to store each button that the user presses in a string. If you do that, you should now how to do string parsing. String parsing is when your program can go through a String and search for something specific, or delete part of it, or add to it, or another similar function. Here is a list of methods that might be useful to you:

String s = “Hello”;

* charAt() – This returns the letter or number that is at a specific index. For example, s.charAt(2) returns ‘l’
* indexOf() – This returns the index of a specific letter or number. If that character occurs more than once, it returns the index of the first occurrence. For example, s.indexOf(e) returns 1.
* substring() – This returns the remainder of the string after the specified index. For example, s.substring(1) returns “ello”
* substring() – This returns the specified portion of the string. For example, s.substring(1,3) returns “el”

There might be other useful methods on the Java API.