

Code Challenge

Part 1: Please use java or kotlin for this code challenge

Please make sure you use object oriented principle for the code design.

We want to have a simple online calculator app.

`/add` Takes two or more parameters and returns the sum of all the numbers

Example: 5, 2, 3, 5, 3 18

`/subtract` Takes two or more parameters and returns the subtraction of the numbers

Example: 25, 2, 3, 5, 3 12

`/multiply` Takes two or more parameters and returns the multiplication

Example: 2, 4, 3, 5 120

`/divide` Takes two parameters and returns the division

Example: 16, 4 4

`/splitEq` Takes two parameters and return the split of param1, param2 times

Example: 120, 4 {30, 30, 30, 30}

`/splitNum` Takes two or more parameters and returns the remainder

Example: 140, 45, 35, 20 40

Note: Bonus points if you have error handling and unit tests

Part 2: Create a front end to allow a user to enter the parameters and select an operation to call the function and display the results on the form. Extra points for a good looking UI with snappy animations, etc.

After you finish Please include instructions on how to run this application. The service and the frontends should be able to be run on a local machine. Please provide the three parts as a Zip called Part1 and Part2 accordingly and email to gary@abacuspos.co.id