

Problem Specification

An Even Better Calculator

1 PROBLEM DESCRIPTION

Write code that performs one of four operations to two values entered by the user. Use switch statements where appropriate. Catch all exceptions your code may throw. Allow the user to enter values indefinitely until they request to quit.

2 INPUT DESCRIPTION

- The user shall input two values in the console. Include appropriate prompts for the user.
- The user shall enter one of the five characters listed below.

<u>Character</u>	<u>Operation</u>
+	Addition
-	Subtraction
*	Multiplication
/	Division
q	Quit

3 OUTPUT DESCRIPTION

Your code shall print a line of text such as:

8.0 divided by 5.0 is 1.6

Replace the values and operation as appropriate to your unique test cases.

4 WHAT TO TURN IN

- Your code
- Documented test cases