**Code Portfolio Creation in Java**

<Week of September 16, 2018>

1. Create a Java Project called Calculator

2. Create a class called Calculator in the Calculator Project

3. Add the following methods to the Calculator class:

3.1 add

3.1.1 Accepts: 2 doubles

3.1.2 Returns: 1 double (the sum of the 2 doubles passed into the method)

3.2 subtract

3.2.1 Accepts: 2 doubles

3.2.2 Returns: 1 double (the difference of the 2 doubles passed into the method)

3.3 multiply

3.3.1 Accepts: 2 doubles

3.3.2 Returns: 1 double (the product (multiplication) of the 2 doubles passed into the method)

3.4 divide

3.4.1 Accepts: 2 doubles

3.4.2 Returns: 1 double (the quotient (division) of the 2 doubles passed into the method)

4. Create a Java Project called CalculatorDemo

5. Create a class called CalculatorDemo in the CalculatorDemo Project

6. Add the following methods to the Calculator class:

public static void main(String[] args) {

}

7. From the method main, perform the following:

7.1 Create an instance of the Calculator class.

7.2 Create the usual Scanner class.

7.3 Create as many other double variables as necessary

(actually, 3 doubles).

7.4 Prompt the user for a number.

7.5 Prompt the user for another number.

7.6 Call the add method and get the result

7.7 Display the result to the user.

7.8 Call the add method and get the result

7.9 Display the result to the user.

7.10 Call the subtract method and get the result

7.11 Display the result to the user

7.12 Display the result to the user.

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Directions:

When the above works, have me check you off.

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