

Assessment Instructions

Instructions: Revise the CalculationsV5 class to replace all decimal values with **double** variables.

1. Create a new project called Doubles_Assessment in the Unit02 Assessments folder.
2. Create a class called CalculationsV5 in the newly created project.
3. Copy the CalculationsV5 class from the Lessons folder to the Assessments folder.
4. In this assessment you will continue modifying the CalculationsV5 class.
5. Add the statements necessary to declare and initialize the **double** variables used in all arithmetic expressions.
6. Substitute the **double** variables for their corresponding decimal values throughout the program.
7. Modify the code for the output so that one statement prints the String literal to display the arithmetic problem and one print statement calculates the answer. (Use the practice example shown as a model.)
8. Compile and run the modified program.
9. You should not be surprised that the output looks the same now that it is printed using **double** variables instead of actual decimal numbers to do the calculations.
10. Model your variable initializations, declarations, and substitutions after the existing code.
11. Add two more arithmetic expressions of your own. Use double variables and at least three different arithmetic operators (i.e., +, -, *, /, and %) in each expression so that all five are used once you have written the two new ones. (For example, you might use +, -, and * in one expression and -, /, and % in the other.)