2017 Fall CIS 150 – Lab 1

Release date: September 25th, 2017

Due date: October 2nd, 2017

Write a C++ program according to the following algorithm:

Declare three integer variables – intNumberOne, intNumberTwo and intResult

Declare a string variable firstName

Display welcome message to the user – “Welcome to the Calculation Program”

Ask the user to enter their first name – “Please enter your first name”

Store name entered into firstName

Ask the user to enter two integer values – “Please enter two integer values”

Store integers entered by the user into intNumberOne and intNumberTwo

For the following mathematical operations perform the calculation storing the value into the variable intResult and display the equation to the user

Operations: add, subtract, multiply, divide, remainder

Example output if input was 5 and 2:

5 + 2 = 7

5 – 2 = 3 …..

Declare three real number variables – doubleNumberOne, doubleNumberTwo and doubleResult

Ask the user to enter two real number values – “Please enter two real number values”

Store real numbers entered by the user into doubleNumberOne and doubleNumberTwo

For the following mathematical operations perform the calculation storing the value into the variable doubleResult and display the equation to the user

Operations: add, subtract, multiply, divide

Display thank you message to user – “[user name from firstName], THANK YOU for using the program written by [your name]”

Example: Jessica, THANK YOU for using the program written by Joshua Shewmaker

Provide turn-in document, making sure to contain screenshots of program build and execution, and file of the C++ code (the .cpp file) to Canvas