

## Lab Assignment #4 – Functions

Recall that lab assignments must be completed during the class period and must be demonstrated to the instructor. Let the instructor know when you are ready to demonstrate your final program.

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

- Write a main function and a function named **Coins** which operates as follows:
  - Change has one input – an amount of change to be returned between 0 and 99 cents
  - Change has four outputs – the number of quarters, dimes, nickels, and cents to be returned.
- Prompt the user in the main function to enter an integer from 0 to 99 corresponding to an amount of change to be returned. No error checking is necessary for this assignment.
- Call the function in the main program. For example:  
**Coins(Change, Quarters, Dimes, Nickels, Cents)**
- The main program should display the number of quarters, dimes, nickels, and cents to be returned (with descriptive names, such as:  
**Number of quarters = 2**)
- Demonstrate the program to the instructor.