Program #2 – Functions (Hospital Charges)
CSC 135 – Fall 2016

Write a C++ program that will calculate the charges for a patient's stay in a hospital. The program should be done using functions. Global variables are not allowed unless being used for a constant. Information should be passed with parameters.

The program will print a set of instructions for the user and give a brief explanation of the program's purpose. It will ask the user for number of days spent in the hospital, the medication charges, the surgical charges and the lab fees. It will display the length of stay, the room charges, the total miscellaneous charges (medication/surgical/lab) and the total charge. The room charges are $450 per day.

You should write a user-defined function to perform each of the following tasks:

- print the instructions
- prompt and read the number of days
- prompt and read the medication charges
- prompt and read the surgical charges
- prompt and read the lab fees
- calculate the room charge
- calculate the miscellaneous charge
- calculate the total charge
- print the results in a neat and well labeled form