a. In this lab, the most notable obstacle I overcame was learning how to make the if statement be very specific with the conditional statement and learning where to place an or and where to place an and. Also, a minor obstacle I had with this lab was the fact that I didn’t place the cin.ignore() at the right position, but figured out in the end with the FAQ posted online.

b.

Giving either of the meter reading prompts a string. The program won’t know what to do with this data type.

DifferenceTest(100, 50, Brian Wong, 12) – This is to test if the bill calculator will take a negative meter value.

InitialTest(-100,200, Brian Wong, 12) – Test too see if program takes in a negative intial value.

MonthTest(100, 200, Brian Wong, 123) – This is to test that the bill calculator doesn’t take any number besides the 12 months of the year.

CustomerTest(100,200, ,2) – Test to see if bill will give a result if the customer enters no name

Calctest1(100, 144, Brian Wong, 4)

Calctest2(100, 145, Brian Wong, 4)– Tests to see if high season calculator works

Calctest3(100, 131, Brian Wong, 3)

Calctest4(100,200, Brian Wong, 3)- Tests to see if low season calculator works.