**Logical Operators – Day 2  
\*\*\*Save these programs in the appropriate folder\*\*\***

1. A bank has the following rule: if a customer has more than $1000 dollars in their checking account or more than $1500 dollars in their savings account, then there is no service charge for writing checks. Otherwise there is a $0.15 charge per check. Write a program that asks for the balance in each account and then writes out the service charge.

2. The front tires of a car should both have the same pressure. Also, the rear tires of a car should both have the same pressure (but not necessarily the same pressure as the front tires.) Write a program that reads in the pressure of the four tires and writes a message that says if the inflation is OK or not.

***Sample Input with USER'S RESPONSE:***

Enter right front pressure

**38**

Enter left front pressure

**38**

Enter right rear pressure

**42**

Enter left rear pressure

**42**

***Sample Output:***

Inflation is OK

3. Write a program that asks a user how many boxes of cookies they want to order. There are three types of cookies: Chocolate Chip, Raisin, and Shortbread. If the user orders 5 boxes of one type or 10 boxes in total, they will receive a 10% discount. Write a program that outputs the total cost including tax. Each box of cookies cost $6.95.

Try rearranging your if statements in **two** different ways to make this program work.

4. Write programs to accomplish each task.

* + Read three integers and determine if any of the three is a multiple of the other two.
  + Read three integers and determine if exactly two are greater than 10.