**Lab 02 A**

**Example Scenario**

John has 5 apples.

Olivia has 3 apples.

Olivia gives John one and a half apples.

This scenario can be represented by the following code:

double johnApples = 5;

double oliviaApples = 3;

oliviaApples = oliviaApples – 1.5;

johnApples = johnApples + 1.5;

A double variable type is chosen because in this scenario because a part of an apple is used. If it were two apples instead, an int could have been used. The variables were named by a brief, but descriptive name. The operations performed on the variables

Write a program that models this scenario with appropriate variable types. Comment your code by putting a line comment above each line of code to describe what line does by using //. Ex:

//John eats one of his apples.

**Lab 02 A Scenario**

A magical hole puncher punches 5 holes at once.

A student uses the hole puncher 3 times on their paper.

They realize that they punched too many holes and tape 2 closed.

There are many ways to model these scenarios! As long as your solution makes sense!