**Programming Assignment 2-1**

1. **Problem Definition**

The primary purpose of this program is ask for input of male and female students in a class. Then it will combine the numbers and then display the percentage of male and female students.

1. **Input and Output.**
   * Input of two integers into male and female variables
   * Output will show the percentages as float with 2 decimal spots and a percentage symbol.
2. **Variables**
   * male\_students – int variable for input of number of male students
   * female\_students - int variable for input of number of female students
   * combined\_students – int variable that combines male\_students and female\_students.
   * m\_perc - a float variable that taking the male\_students and dividing it by combined\_students
   * f\_perc – a float variable that takes the female\_students and divides them by combined students.
3. **Flowchart**
   * Flowchart is attached file
4. **Errors and Lessons**
   * The only issue I had was not having the % after it printed the percentage of males and females. I research online and found by using the following it allowed the variable to display the %.

("%.2f%%" % (100 \* male\_students/combined\_students)