

Programming Assignment 2-1

1. Problem definition

The purpose of this program is to ask a user to input the number of males and females registered to a class; then output the total number of students and the percentages of males and females.

2. Input and Output

Input: Two integers for the number of males and number of females. ,

Output: The total number of students in the class (integer) and the percentages of males and females (floating point numbers).

3. Variables

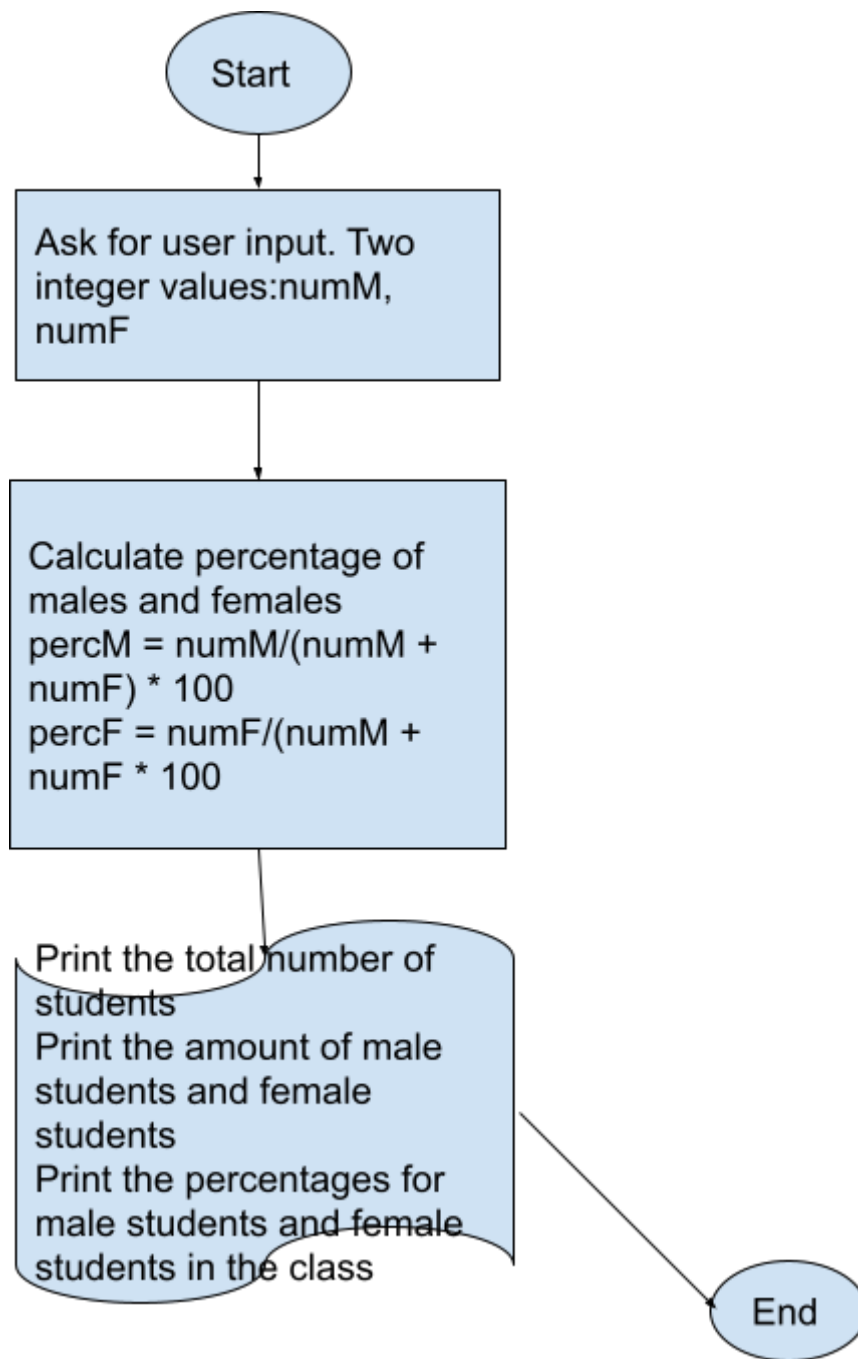
numM = user input for # of males

numF = user input for # of females

percM = percentage of males

percF = percentage of females

4. Flow Chart



5. Error and lessons

Error: Percentages not showing decimal points (format string floating point numbers)

Output showing same number for number of males and females. (fix which variable is coded)

Output numbers not aligned

Lessons:

I can practice the string formats and for showing floating point numbers.

Also I can practice the output and formatting the amount of space in the results.