## Write algorithm for Lab1 here.

## Remember to follow the rules of what makes a good algorithm from Notes #2.

Algorithm

1. Ask the user to input “how many seconds between each birth? ” and save it as a variable
2. Ask the user to input “How many seconds between deaths? ” and save it as a variable
3. Ask the user to input “How many seconds between immigrations? ” and save it as a variable
4. Ask the user to input “What is the current population? ” and save it as a variable
5. Ask the user to input “How many years in the future? ” and save it as a variable
6. The calculation done to find the population after a certain number of years is found through

(secs\_per\_year/births + secs\_per\_year /immigration – secs\_per\_year /deaths) \* num\_years

1. If the population after 5 years is greater than the starting population is true
   1. print the population increased
2. Otherwise
   1. print the population decreased