## Write algorithm for Lab1 here.

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

Algorithm:

1. Get the birth rate (seconds between each birth).
2. Get the death rate (seconds between each death).
3. Get the immigration rate (seconds between each new immigrant).
4. et the current population.
5. Get the number of years into the future.
6. Determine the total number of seconds in one year (using 365 days).
7. Calculate the number of births per year.
8. Calculate the number of deaths per year.
9. Calculate the number of immigrants per year.
10. Find the net population change per year (births + immigrants - deaths).
11. Multiply the net population change per year by the number of future years.
12. Add the total population change to the current population to get the future population.
13. Display the future population.
14. Compare the future population with the current population and display whether the population increased or decreased.