# Lab 03 Tasks

1. Take Initial Velocity, time and acceleration from user, and calculate Final Velocity as per following formula:

   **Final Velocity = Initial Velocity + (Acceleration x Time)**

2. Take Initial Velocity, final Velocity and time from user and calculate acceleration as per following formula:

   **Acceleration = (Final Velocity – Initial Velocity) / Time**

3. A customer asks the IT firm to develop a program in C language, which can take tax rate and salary from the user on runtime and then calculate the tax the user has to pay.
4. Construct a C program where you calculate the slope of two point (5,4), (3,2). Use format specifiers to cap the result to 3 decimal places.

SLOPE FORMULA = (y2-y1) / (x2-x1)

TAKE variables x1,x2,y1,y2 from user