Flow chart

1. Movement
   1. MainTask1: initialize motor
      1. Task1:initialize task\_scheduler
      2. Task2: initialize drive\_task
         1. Initialize hardware timer
         2. Initialize motor hardware
         3. Initialize wheel sensors
         4. Initialize PID controller
            1. PID controller is meant to adjust actual and target speed difference as the evalbot moves along
         5. Enable wheel sensors
   2. Task2: execute motor
2. Counting
   1. Task3: compute distance
      1. Function
      2. Loop
3. Display
   1. Task1: initialize screen
   2. Task2: execute display
      1. Loop