Start

Waits for initilize Command from 4 Opens serial and serids command

_ RPi of piedetermined form.

String

Start.

Continously regulates motor speeds @ Values Corrently holding O unknown rate

Sends Commands to Arduno 05 fast or Slow as it wants

reports speeds to RP: w/time Stamps. at rate spec. J. ed @ Start Command.

+ thread dedicated to catching these messages and running dead reckoning @ each godate.

> at rate it sends commasheds to Alduno, updates its desired motor speeds: abs -> Local frame