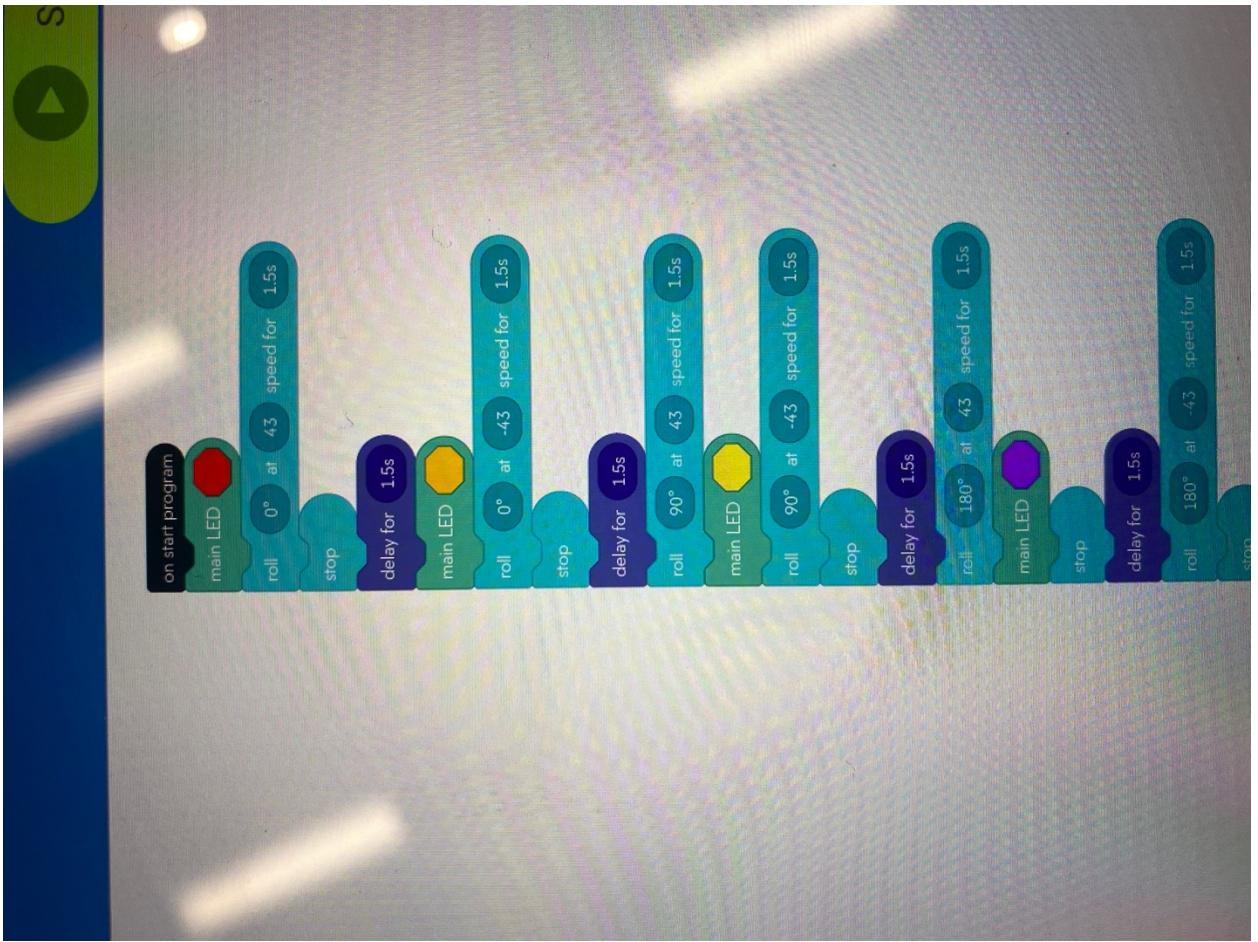
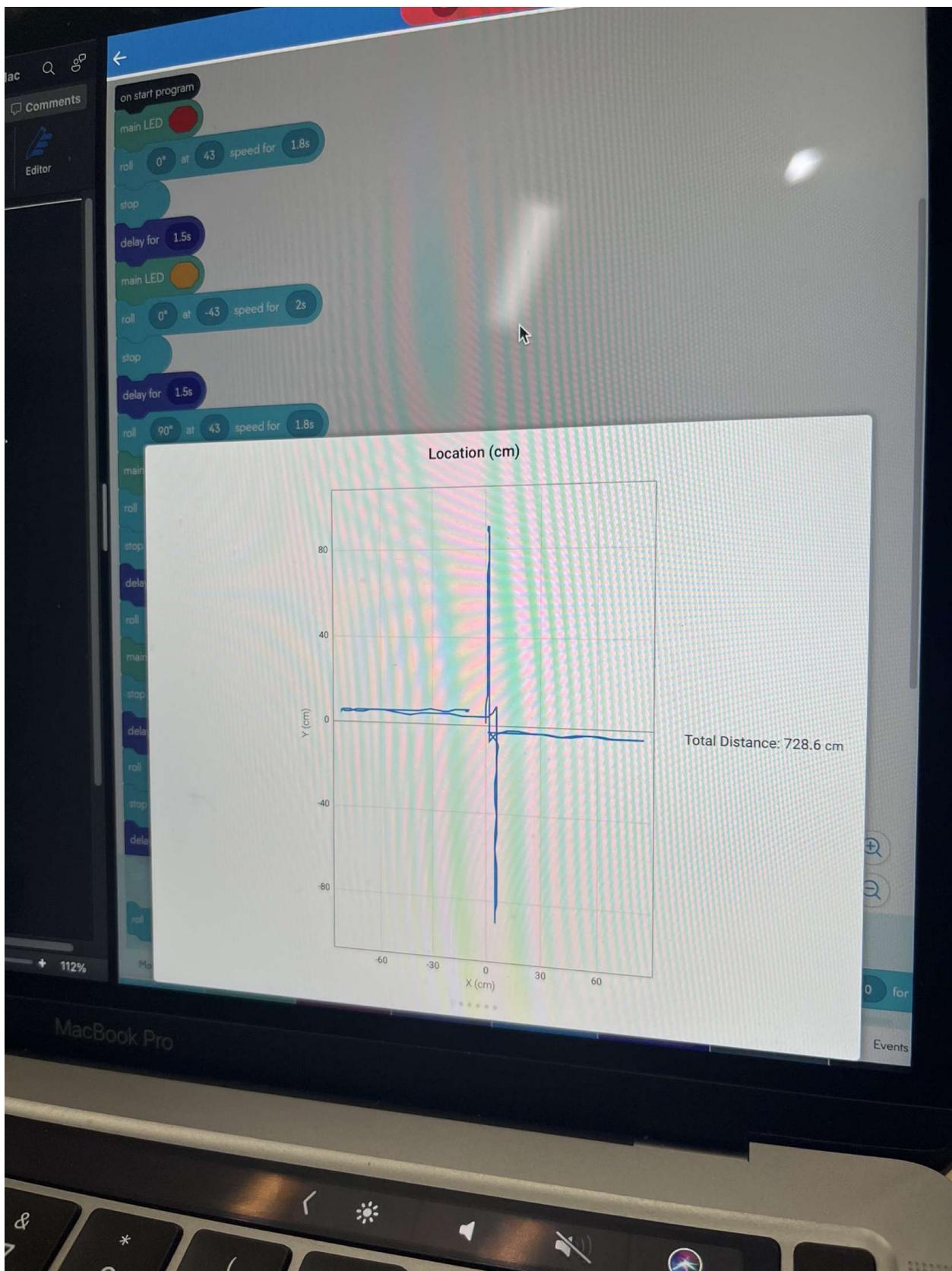


First Robot Program (Group assignment)

Program your robot to fulfill all the requirements below.

1. Name your Sphero program: **FirstRobotProgram**
2. Take a picture of your completed block program.
3. Take a picture of the sensor data after your robot completes the program.
4. Create a new github repository called: **Robot**
5. **All group members upload both pictures to your github repository: Robot**
6. **One group member: Submit a link to that repository to the dropbox on behalf of your group. (one dropbox upload per group)**
7. Requirements:
 - robot must follow the same path shown by the sensor data in the dropbox picture
 - before start robot color should be red
 - at first endpoint color should be orange
 - at second endpoint color should change to yellow
 - at third endpoint color should change to violet
 - at fourth endpoint color should change to blue
 - at completion color should change to green and robot speaks “Pretty good right?”
 - program must be named: FirstRobotProgram
 - github repository must be named: Robot





Start



- main LED
- roll 90° at -43 speed for 1.5s
- stop
- delay for 1.5s
- roll 180° at 43 speed for 1.5s
- main LED
- stop
- delay for 1.5s
- roll 180° at -43 speed for 1.5s
- stop
- delay for 1.5s
- roll 270° at 43 speed for 1.5s
- main LED
- stop
- delay for 1.5s
- roll 270° at -43 speed for 1.5s
- main LED
- speak: Pretty good right and wait