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## Weekly report

### 1 *My Objectives this week*

- Completing Simulation for 2 robots infinite friction algorithm
- Running go to the light on kilobots

### 2 *My Accomplishments this week*

#### 2.1 *Kilobots*

- I calibrated some robots to see their movements, and tried some programs on them.

#### 2.2 *Algorithms*

- I fixed the algorithm in x dimension, I wrote some loops for two way running, but it hasn't worked properly yet, I have written the y dimension also, but it is sometimes buggy, I try to fix this until the end of today and submit the newer version to the github. Current code is submitted to the github.

### 3 *My Plan for next week*

- Completing the algorithm for 2 robots.
- Start working with Arduino and programming the light bulbs.

#### 3.1 *Meeting with Dr. Becker*

- What to do for more than two robots? What is our goal next?