Weekly report

1. **My *Goals* from last week**
   1. Finish Torque Control Experiments
   2. Finish Orientation Control Code to start experiments
2. **My *Accomplishments* this week**
   1. Project 1: <Block Pushing Kilo-bots Project>
      1. Started IJRR paper
         1. Wrote portion of paper about flow around force
   2. Project 2: <Covariance Experiment>
      1. Tested iron shaving with magnets (not working)
      2. Tested old edges (not working)
      3. Created a new edge to test (in progress)
         1. Tested on floor
         2. Tested on top of obstacles
         3. Made feet so they are robot level
   3. Project 3: <Github -- Matlab Code Clearn up>
      1. Made functions for ease of use (with help information in matlab)
         1. dist2points.m the distance formula between two points
         2. FlowForce.m allows the user to input the attractive, repulsive, and robot mean position to output the vector they want
         3. deliverables dist2points.m and FlowForce.m can be found in the kilobots code in the github
      2. Created clear sections in code
      3. Deleted unused commented sections of code out of working codes
      4. Added comments for ease of use
      5. Deleted duplicate codes of currently used code
      6. Condensed redundant pieces of code
      7. Tested codes to make sure they still work
      8. Changed colors of pieces of code
   4. Project 4: <Other>
      1. Went to an interview in Chicago
      2. Taught Mahek how to use github
      3. Learned how to add games to the website
3. **My *Goals* for next week**
   1. Find a working edge for the covariance expirament
   2. Do the torque expirament