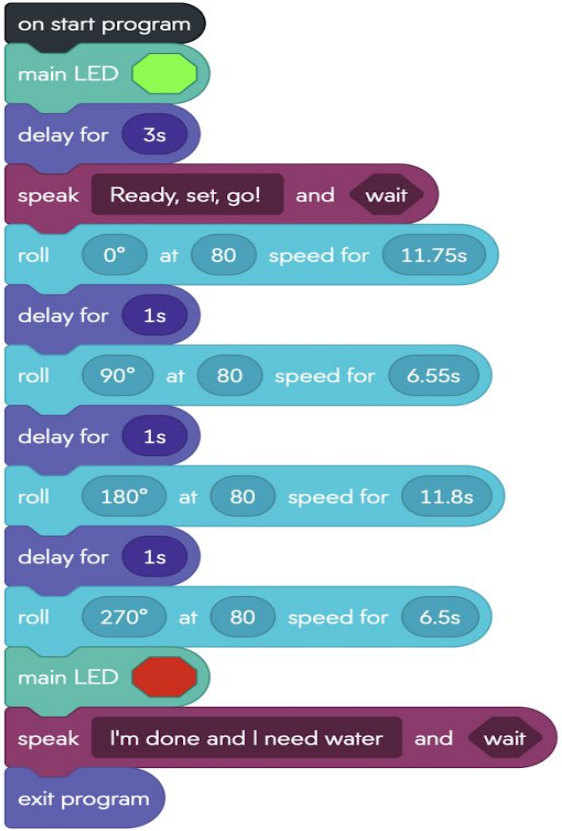
Sprint 4 Presentation

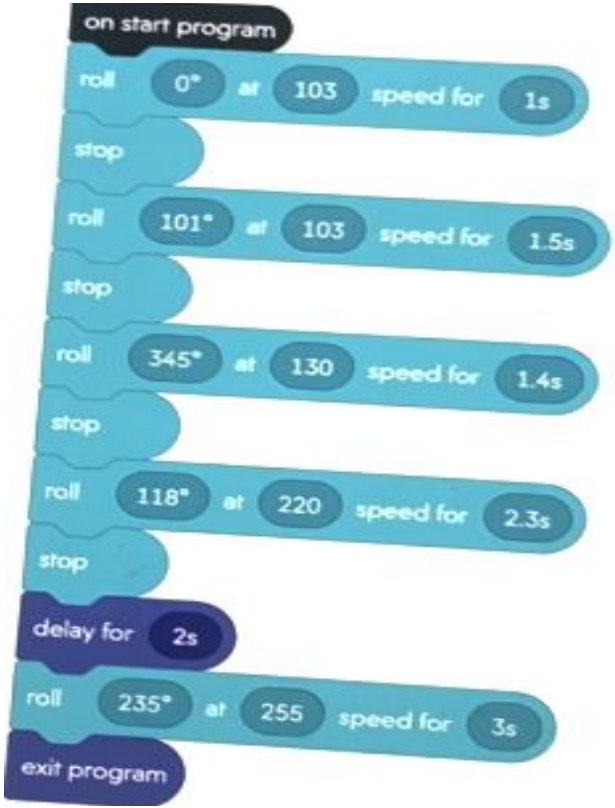
By: Alex, Andrew, Kiumbura

Checklist for Submission to Github (delete when done)

- presentation (powerpoint or PDF)
- block code for all 3 sprints
- video performance for all 3 sprints

Block Code (Endurance, Accuracy, Agility)





Video of Sprint 3 (Agility)

video is in dropbox (“unsupported” image type)

Member Roles

- Alex: wrote most of the code and did tests for Sprints 1 and 2, did flowcharts and algorithm for Sprint 3, did sensor data diagram for Sprints 1 and 2, made the first Gantt chart, submitted documents to the Github Repository

- Andrew: worked on introductory sections of all 3 SDDs, wrote the requirements and got them approved, did the flowchart for Sprint 1 and 2, made the last 2 Gantt chart, wrote the initial code for Sprint 2

- Kiumbura: wrote code and did tests for Sprint 3, recorded video and made sensor data diagram for Sprint 3, did flowchart for Sprint 2, test table for sprint 3 and worked on test table for sprint 1. Contributed to the finalization of sprint 1’s code.

What have we learned about software engineering?

- team effort
- communication is key
- start soon and finish early
- plan time accordingly (availability of classroom)
- patience is critical
- procrastinating is a bad idea

Challenges Faced

- Sprint 1
  - We kept switching up the roles, making the completion of tasks confusing.
  - We were also worried about managing our time considering the SDD looked lengthy, but it all worked out.
  - Our SDD was also badly formatted when we first submitted it.
- Sprint 2
  - We faced communication issues to get all of our work done.
  - We had less time to work on the robot because the robot kept losing battery.
  - We were nervous that our video wasn't adequate since the robot went off the course, but it met the guidelines.
- Throughout the sprints, we also had concerns about how this would affect our overall grade.

What would we do differently?

- Plan everything ahead of time
- Decide roles right away for everyone
- Communicate more effectively
- Not procrastinate