

Aaron Nitzberg

Jason Schray

Neal Roche

Algorithm

1. Start Program
2. Enable Robot LED to turn “Green”
3. Enable Robot speech to say “Ready, Set, Go”
4. Robot movement to roll forward, 0 degrees, at a speed of “120 units” for 5 seconds
5. Enable 90 degree spin for the duration of 1 second
6. Robot movement to roll forward, 0 degrees, at a speed of “120 units” for 3 seconds
7. Enable 90 degree spin for the duration of 1 second
8. Robot movement to roll forward, 0 degrees, at a speed of “120 units” for 5 seconds
9. Enable 90 degree spin for the duration of 1 second
10. Robot movement to roll forward, 0 degrees, at a speed of “120 units” for 3 seconds
11. Enable 90 degree spin for the duration of 1 second
12. Enable Robot LED to turn “Red”
13. Enable Robot speech to say “I am done and I need water”
14. End Program