

# Progress Report 7

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**Subsystem:** Coding

**Date Of Submission:** 24/01/2020

**Reporting Progress** from 18/01/2020 to 24/01/2020

## Progress in C/C++

- Practiced more questions of Greedy Algorithms and strings on HackerRank

## Progress in Arduino(IDE)

- Wrote the code for making the bot move in 4 directions, rotate and turn.
- Building on the previous idea wrote the code for a bot to detect a wall align itself parallel to a wall and stop at 20 cm from the wall
- Learned about line sensor array.

## Progress in Arduino(Hardware)

- Implemented the above codes on my arduino

## Issues Faced

- Doing things on Tinkercad and actually doing them in real world are very different. Things that work on Tinkercad may not do the same in the real world.