Progress Report 9

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Subsystem: Coding

Date Of Submission: 07/02/2021

Reporting Progress from 01/02/2021 to 07/02/2021

Progress in C/C++

- o Bit manipulation in C++
- o Josephus Problem using recursion
- o Rotating arrays
- o Stock buy and sell problem
- o Kadane's Algorithm
- o Prefix sum technique
- o Sliding window technique
- o Moore's Voting Algorithm

Progress in python

- Basic concepts of numpys, pandas and matplotlib.

Progress in Arduino(IDE)

- Wrote a basic code to test my line sensor(works fine btw)

Progress in Arduino(Hardware)

- Uploaded the above code in the Arduino and tested it

Courses

- Python for everybody course completed
- Data structures and algorithm course of GeeksforGeeks started

Issues Faced

- The GeekforGeeks course is hard but interesting