

PROGRESS REPORT 3

Name: Kartikeya Tiwari

Subsystem: Coding

Date of Submission: 20/12/2020

Reporting Progress from: 13/12/2020 To 20/12/2020

Progress:

C++

- Attended courses on Data Structures and Algorithm on coursera
- Learnt about recursive functions in C++.
- Implemented recursive function in C++.

GitHub

- Completed and added worksheet 3 in github repository.

Arduino

- Read about i2c communication bus.
- Read about pull-up and pull-down resistors.
- Read and understood the working, use and principals of IR sensors.

TinkerCad

- Created and implemented a remote-control IR sensor on Arduino.

Issues faced

- Could not figure out how to make a IR sensor on tinkercad using IR-led and sensor.
- Get a fatal error when trying to use git push.
- Could not implement a 7 segment display using i2c communication.