

PROGRESS REPORT 2:

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SUBSYSTEM: Coding

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PROGRESS:

- **TINKERCAD:**

- 1) Made an account on tinkercad.
- 2) Learnt how to go through different components, group them together and join them using wires.

- **ARDUINO:**

- 1) Got familiar with Arduino components, their pins, ground, voltage, etc.
- 2) Completed the worksheet given which was based on LEDs, push button, potentiometer, servo motors and ultrasonic sensors. Also made my own circuit based on obstacle alerting system.

- **Read on the topics and their functions in robotics:**

- 1) Differential drive
- 2) Holonomic drive
- 3) Omni wheels
- 4) Mecanum wheels.