**WEEK8 PROBLEM STATEMENTS**

### Implement a Buzzer with Arduino Simulation in Tinkercad

1. Implement a Tinkercad simulation that will read the value of a potentiometer and display it in serial monitor.
2. Implement a Tinkercad simulation to measure a distance with the HC-SR04 ultrasonic sensor and show the result on the serial monitor.
3. Implement a Tinkercad simulation to sense movement in a room with a PIR motion sensor and Arduino's digital input.

# Implement a Tinkercad simulation for gas leakage detection with buzzer system using Arduino