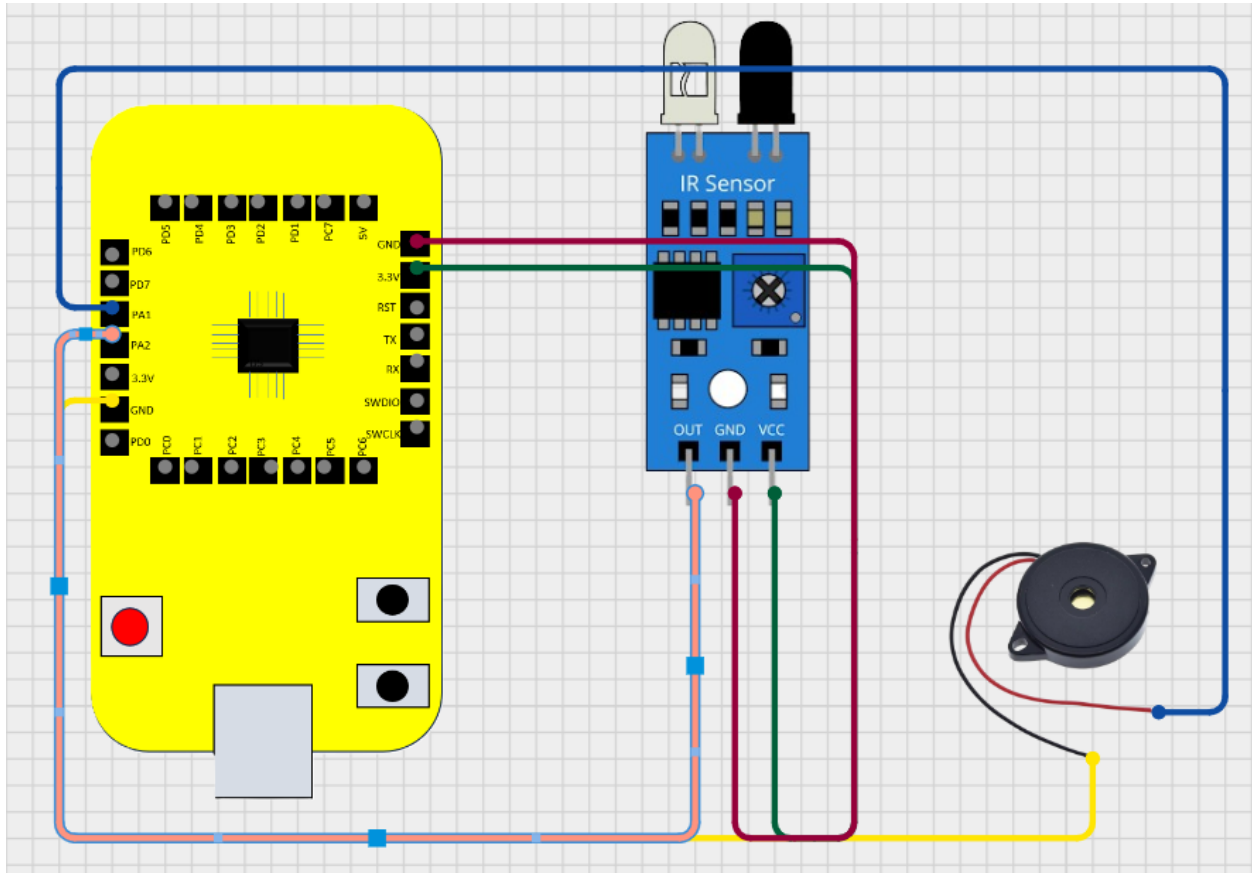


TASK 5: IR-based Security Alarm System

Circuit diagram:



OBJECTIVE:

To create a security alarm that is triggered when motion is detected by the IR sensor. This system will sound an alarm when someone enters a protected area.

Components required:

- IR Sensor
- Buzzer
- VSD Squadron Mini
- Jumper wires

PIN CONFIGURATION:

IR sensor:

PIN ON BOARD	PIN OF SENSOR
5 V	VCC
GND	GND
PD1	OUT

Buzzer:

PIN ON BOARD	PIN OF BUZZER
PC1	IN
GND	GND