



WhatsApp x Circuit design assignment 1 | Tinkercad x assignment 1 | Tinkercad x +

tinkercad.com/things/6q1Fuia3HKB-assignment-1/edit#

assignment 1

All changes saved

Simulator time: 00:00:17

Code Stop Simulation Send To

1 (Arduino Uno R3)

```
1 int pirsensor = 0;
2 int trigger=5;
3 int echo=6;
4 int buzzer=11;
5 long time=0;
6 int distance=0;
7
8 void setup()
9 {
10   Serial.begin(9600);
11   pinMode(13, OUTPUT); //PIR
12   pinMode(7, INPUT); //PIR
13   pinMode(trigger, OUTPUT);
14   pinMode(echo, INPUT);
15   pinMode(buzzer, OUTPUT);
16 }
17
18 void loop()
19 {
```

Serial Monitor

Light OFF
Buzzer OFF
Distance= 79
Light OFF
Buzzer OFF
Distance= 79
Light OFF
Buzzer

Send Clear