

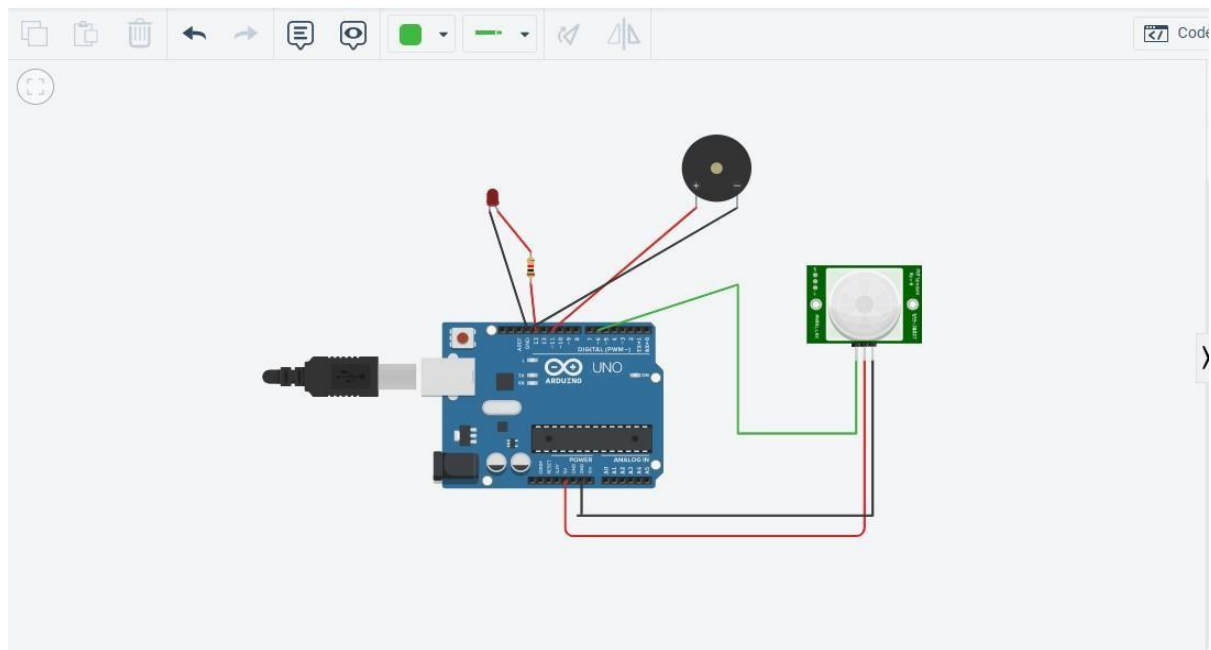
## Assignment -1

Assignment Date	18 September 2022
Student Name	Thinaayyanar.R
Student Roll Number	620119104104
Maximum Marks	2 Marks

### Question:

Build a circuit using sensors.

### Circuit diagram:



Code:

```
int sensor=6;
int val=0; void
setup()
{
  pinMode(6,INPUT);
  pinMode(13,OUTPUT);
  pinMode(11,OUTPUT);
  Serial.begin(9600);
}
```

```
void loop()
{
  val=digitalRead(sensor);
  if(val==HIGH)
  {
    digitalWrite(13,HIGH);
    tone(11,50);
    delay(200);
  }
  else
  {
    digitalWrite(13,LOW);
    noTone(11);
    delay(1000);
  }
}
```