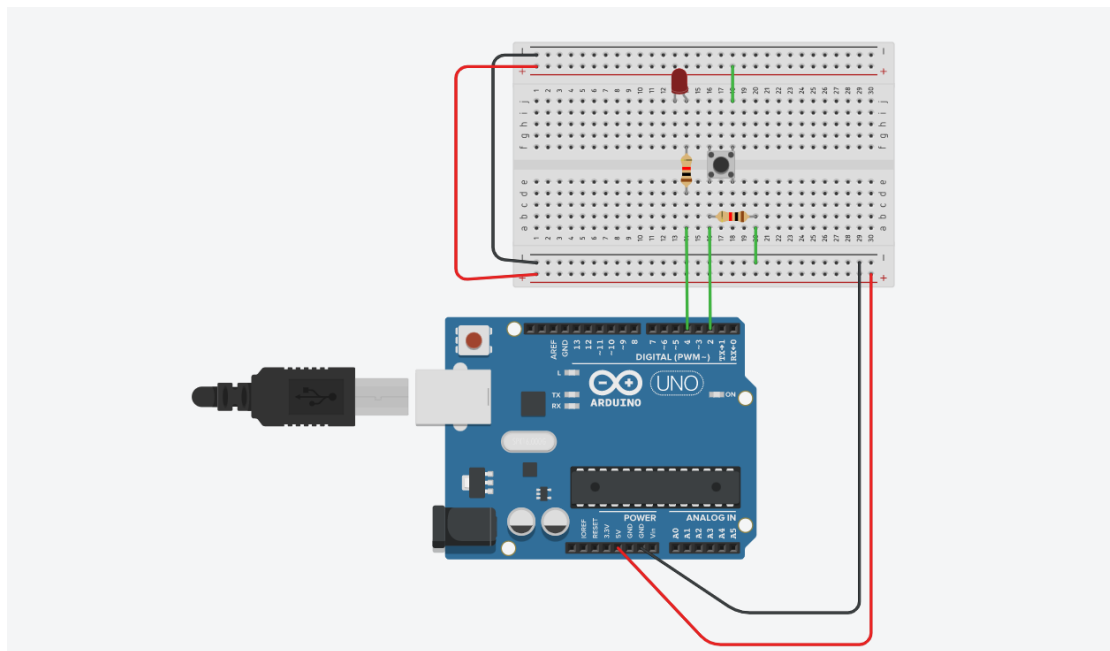
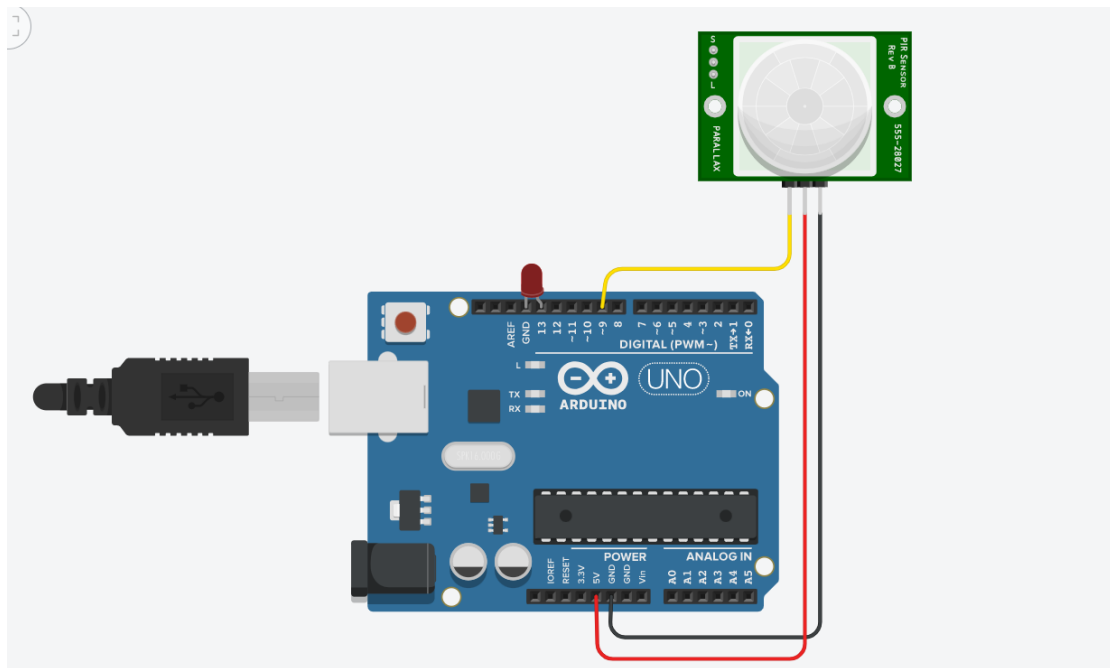


Digital:



```
1  const byte ledpin=4;
2  const byte pushbuttonpin=2;
3
4
5  void setup()
6  {
7
8
9      pinMode(ledpin,OUTPUT);
10     pinMode(pushbuttonpin,INPUT);
11 }
12
13
14 void loop()
15 {
16     int ledstatus =LOW;
17     int readbutton=digitalRead(pushbuttonpin);
18     if (readbutton== HIGH)
19     {
20
21         ledstatus=!ledstatus;
22     }
23     digitalWrite(ledpin,ledstatus);
24 }
25
```

Analog:



```
1 // C++ code
2 //
3 void setup()
4 {
5   pinMode(LED_BUILTIN, OUTPUT);
6 }
7
8 void loop()
9 {
10  digitalWrite(LED_BUILTIN, HIGH);
11  delay(1000); // Wait for 1000 millisecond(s)
12  digitalWrite(LED_BUILTIN, LOW);
13  delay(1000); // Wait for 1000 millisecond(s)
14 }
```