

## Knock sensor



Both knock sensor module and digital interface 13 carries LED for the build-up of a simple circuit and a knock flasher.

Connect knock sensor to digital interface 3 with the LED carried by digital interface 13. When knock sensor detects a knock signal, the LED will flash.

### Sample code

```
int Led=13;//define LED interface
int Shock=3//define knock sensor interface
int val;// define digital variable val
void setup()
{ pinMode(Led, OUTPUT);//define LED as output interface
  pinMode(Shock, INPUT);//define knock sensor as output interface
}
void loop()
{
  val=digitalRead(Shock);//read and assign the value of digital interface 3 to val
  if(val==HIGH)//When knock sensor detects any signal , the LED will flash
  { digitalWrite(Led, LOW);
  }e
  lse
  { digitalWrite(Led, HIGH);
  }
}
```