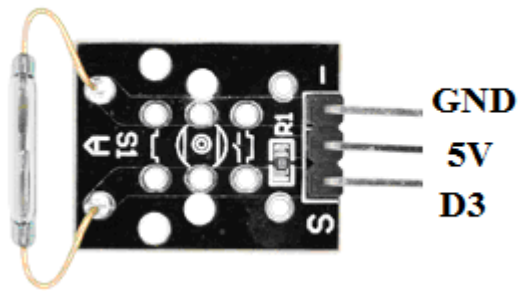
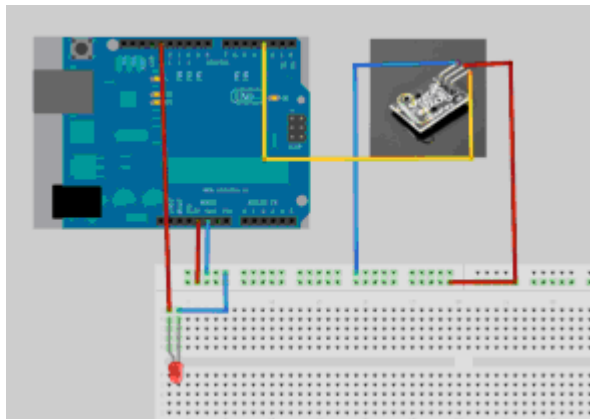


Reed switch test



This project will use a Reed switch module to detect magnetic field. When the reed module is closing a magnetic iron, the LED in the circuit will turn off. Connect reed module with Arduino as per following circuit graph:



CODE:

```
/* Reed magnetic sensor module test project
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*/
int Led=13;
int buttonpin=3;
int val;
void setup()
{
  pinMode(Led,OUTPUT);
  pinMode(buttonpin,INPUT);
}
void loop()
{
```

```
val=digitalRead(buttonpin);  
if(val==HIGH)  
{  
  digitalWrite(Led,HIGH);  
}  
else  
{  
  digitalWrite(Led,LOW);  
}  
}
```