Program no   13
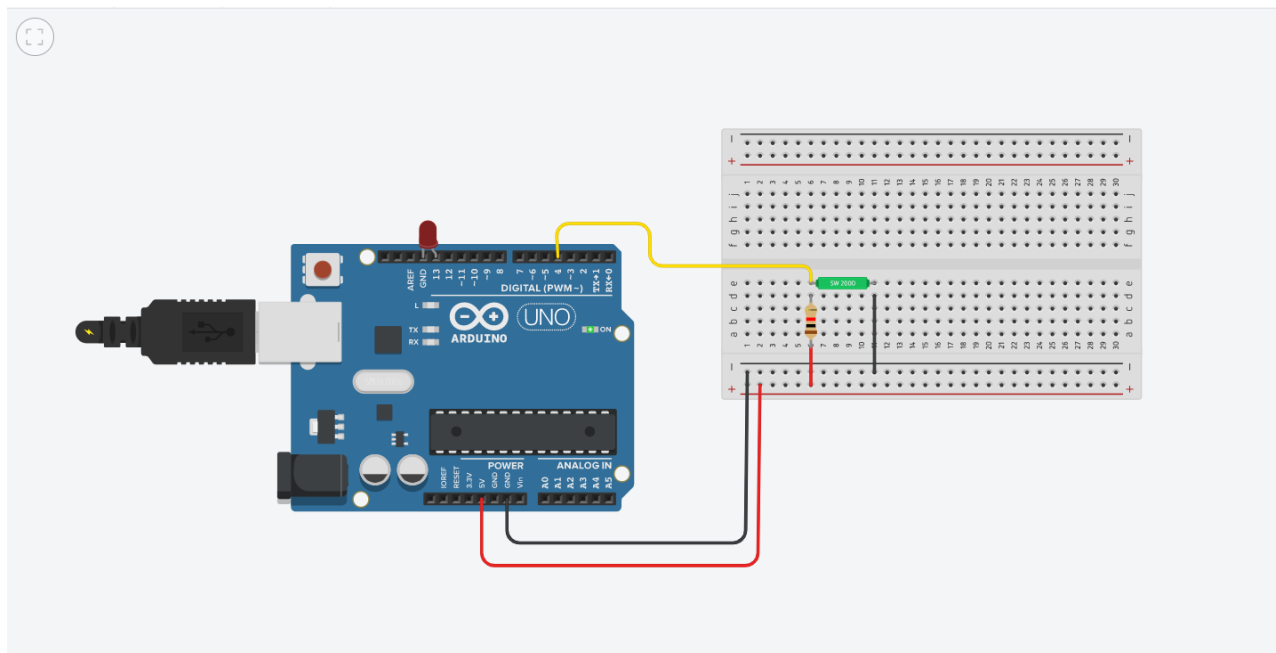
Program Title   smart gas package system(Tilt sensor)

Aim : To Design a smart package handling system using tilt sensor

Hardware Required

- Arduino Board
- Bread board
- Wires
- Tile sensor
- Resistor
- LED

Circuit Diagram

Writeup :

Program No-13

Pramod DY

IBMACS405

Smart package system
Using tplt sensor

```
int led = 13;
int tplt = 4;
void setup()
{
    pinMode (led, OUTPUT);
    pinMode (tplt, INPUT);
}
void loop()
{
    if (digitalRead (tplt))
    {  digitalWrite (led, HIGH);
    }
    else  digitalWrite (led, LOW);
}
```

CODE:

```
int tilt=4;
int led=13;
void setup()
{
  pinMode(led, OUTPUT);
  pinMode(tilt,INPUT);

}

void loop()
{
if(digitalRead(tilt))
{
  digitalWrite(led,HIGH);
}
 else
 {
   digitalWrite(led,LOW);
 }
}
```

Observation /Output