

03-11-2020

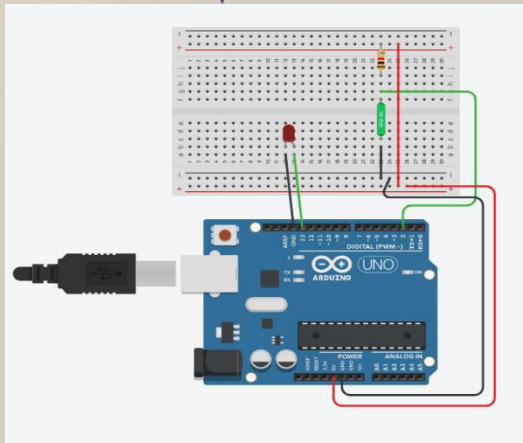
PROGRAM - 13

Title : Tilt Sensor

Aim: To switch on the LED when there is tilt

Hardware Required: Arduino Board, Bread Board, Tilt Sensor, Resistor, LED, wires.

Circuit Diagram:



Code:

```
int tilt = 2;  
int led = 13;  
void setup()  
{  
  pinMode (tilt, INPUT);  
  pinMode (led, OUTPUT);  
}  
void loop()  
{  
  int reading;  
  reading = digitalRead (tilt)  
  if (reading)  
    digitalWrite (led, LOW)  
  else  
    digitalWrite (led, HIGH)  
}
```

Observations / Conclusion:

The LED light switches on when the device is tilted.