

Name – TANYA MISHRA

Program No. – 14

Program Title – Tilt Sensor

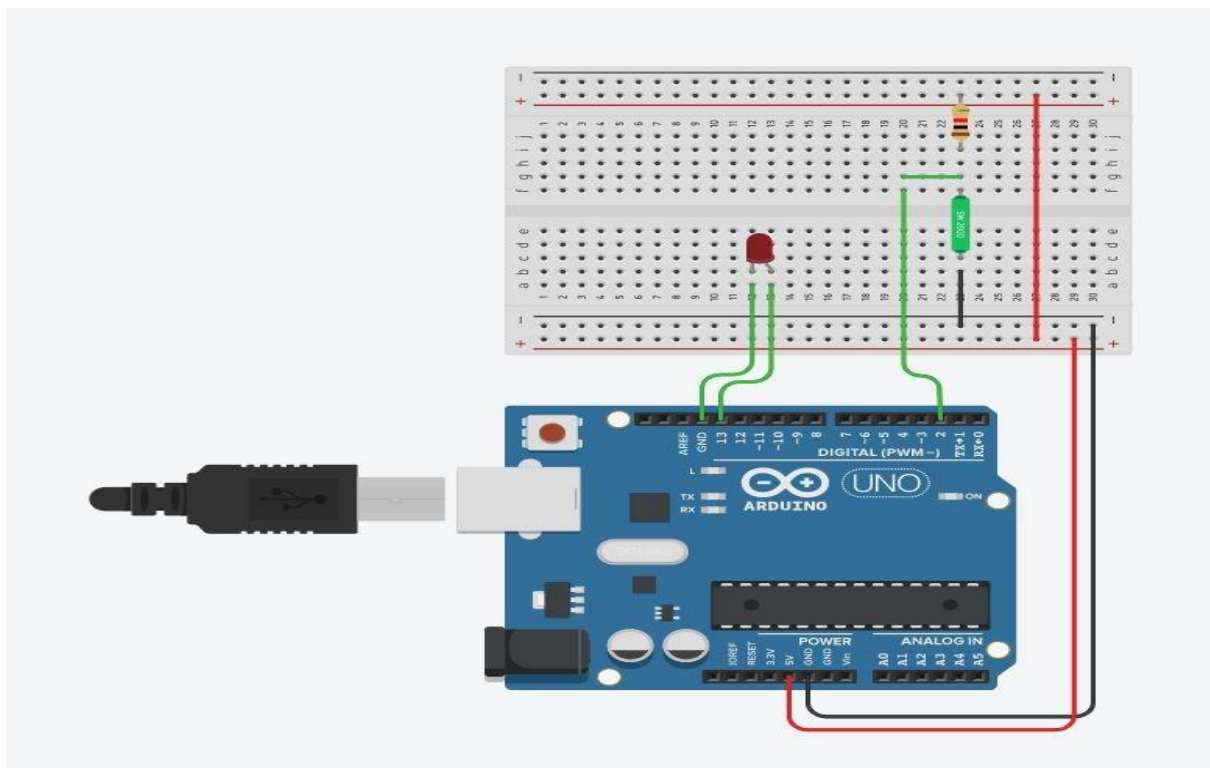
AIM

Design a Smart Package handling system (Tilt sensor and LED)

HARDWARES REQUIRED

- Arduino Board
- Breadboard
- LED
- Tilt Sensor
- Resistor

CIRCUIT DIAGRAM



WRITE-UP

pdf

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);  
}
```

OUTPUT

