Name – Shreya Laddha

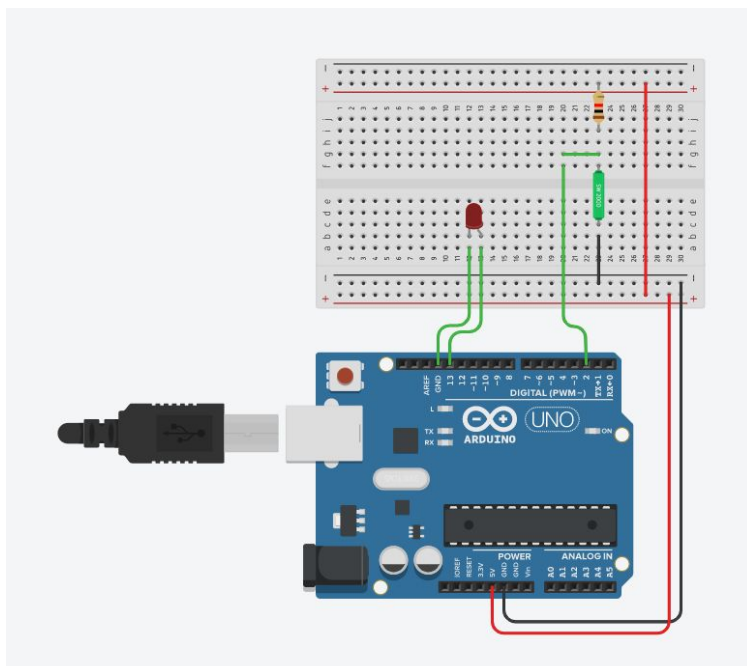Program No. – 12

Program Title – Tilt Sensor

AIM

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

HARDWARES REQUIRED

- Arduino Board
- Breadboard Small
- LEDs
- Tilt Sensor
- Resistor

CIRCUIT DIAGRAM

WRITE-UP

PFA

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

      Designed a Smart Package handling system using Tilt Sensor and LED.