Name – Parag Gattani

Program No. – 12

Program Title – Tilt Sensor

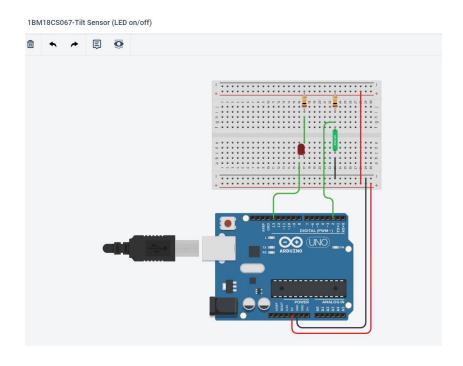
AIM

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

HARDWARES REQUIRED

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

CIRCUIT DIAGRAM



WRITE-UP

	Name - Panag Gattanie	
	USN-IBMI8CSOG7	28/10/2020
Cap-12		0/10/.2020
	Jelt Dinsor	
	Agm:-	
	Design a Smart Package handling &	ystem.
	Hardwares Requered:	
	Auduino Board, Breadboard Small,	LEDS,
	Jett Susor, Risistor.	
	Codi;	
	Ent tell = 2°,	
	ent jed = 13;	
	vord situp ()	
	To mode (tell qubut):	
	penMode (telt, enput); penMode (ud, OUTPUT);	
	2	
	void loop()	
	3	
	ent geading;	
	ent peading; mading: digetal Read (+elt); ef (neading)	
	ef (neading)	
	digetalwrite (led, LOW));
	else	1100
	digetalwrite (led, LOW) else degetalwrate (led, Hic	_i H);
	Į. O	

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.