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Program 12

Program Title : TILT SENSOR

Aim: Design a smart Package handling system (Tilt sensor and LED)

Hardware Required:

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

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);
}
```

ff