

PROGRAM 13: Design a smart package handling System

AIM : Design a smart package handling system (Tilt sensor and LED)

Hardware Required : Arduino Board, Breadboard, Small, LEDs, 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);
```

```
};
```