

Program no: 14

Program title: Tilt sensor

Am: Design a smart package handling system.

Hardware required:-

- Arduino board
- Bread board
- LED
- Tilt sensor
- Resistor

Code:-

```
int tilt = 2;  
int led = 13;  
void setup()  
{  
  pinMode (tilt, INPUTOUTPUT);  
  pinMode (led, OUTPUT);  
}  
void loop()  
{  
  int reading;  
  reading = digitalRead (tilt);  
  if (reading) digitalWrite (led, LOW);  
  else  
    digitalWrite (led, HIGH);  
}
```