

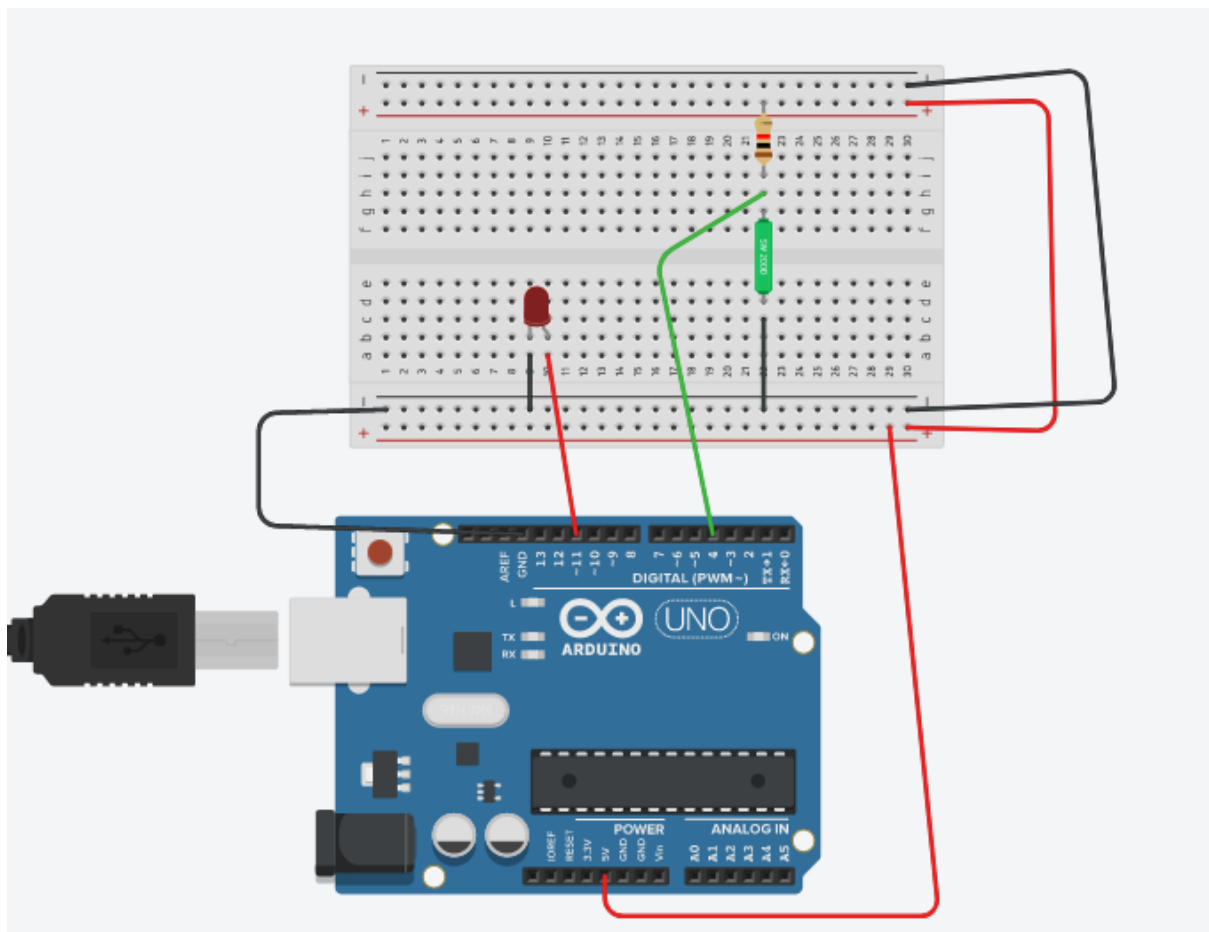
Smart Package Handling System

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Aim : Design a smart package handling system.

Circuit Diagram



Handwritten Code

Tilt sensor

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```
int tilt = 4;  
int led = 11;
```

```
void setup() {  
  pinMode ( tilt, INPUT );  
  pinMode ( led, OUTPUT );  
}
```

```
void loop() {  
  int reading;  
  reading = digitalRead ( tilt );  
  if ( reading ) {  
    digitalWrite ( led, LOW );  
  }  
  else {  
    digitalWrite ( led, HIGH );  
  }  
}
```

Observation/Output:

The L.E.D is lit when a tilt is detected by the sensor.