

Program title : Servomotor

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IBM18CS042

Aim: Design IR based Servo motor controller.

Code: #include <servo.h>

Servo myservo;

int pos = 0;

void setup()

{ myservo.attach(9);

}

void loop()

{

for (pos = 0 ; pos <= 100; pos += 1)

{ myservo.write (pos);

delay (15);

}

for (pos = 180 ; pos >= 0 ; pos -= 1)

{ myservo.write (pos);

delay (15);

}

}

Program Title : Smart Package Handling
System (Using TILT
Sensor)

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18M18CS042

Code :

```
const int statusLED = 13 ;  
const int switchTILT = 7 ;  
int val = 0 ;  
void setup ()  
{  
  pinMode (statusLED, OUTPUT);  
  pinMode (switchTILT, INPUT);  
}  
void loop()  
{  
  val = digitalRead (switchTILT);  
  if (val == HIGH)  
{  
    digitalWrite (statusLED, HIGH);  
  }  
  else  
{  
    digitalWrite (statusLED, LOW);  
  }  
}
```