```cpp
#include <Servo.h>
Servo myservo;
void setup() {
    pinMode(5,OUTPUT);
    pinMode(3,OUTPUT);
    myservo.attach(7);
}
void loop() {
  int sdata=analogRead(A0);
  if(sdata<=500)
  {
    myservo.write(0);
    digitalWrite(5,HIGH);
    digitalWrite(3,LOW);
  }
  else if(sdata>500 && sdata<=750)
  {
    myservo.write(0);
```

```arduino
    digitalWrite(5,LOW);
    digitalWrite(3,HIGH);
  }
  else if(sdata>750)
  {
    for(int pos=0;pos<=180;pos++)
    {
      myservo.write(pos);
      delay(10);
    }
    delay(100);
    for(int pos=180;pos>0;pos--)
    {
      myservo.write(pos);
      delay(10);
    }
    digitalWrite(5,LOW);
    digitalWrite(3,LOW);
  }
}
```