```cpp
#include<Servo.h>
Servo myservo;
int inches = 0;
int pos = 0;
int cm = 0;
int i=1;
long readUltrasonicDistance(int triggerPin, int echoPin)
{
  pinMode(triggerPin, OUTPUT);
  digitalWrite(triggerPin, LOW);
  delayMicroseconds(2);
  digitalWrite(triggerPin, HIGH);
  delayMicroseconds(10);
  digitalWrite(triggerPin, LOW);
  pinMode(echoPin, INPUT);
  return pulseIn(echoPin, HIGH);
}
void setup()
{
 pinMode(10,OUTPUT);
  myservo.attach(7);
  Serial.begin(9600);
}
void loop()
{
  cm = 0.01723 * readUltrasonicDistance(9,8);
  inches = (cm / 2.54);
  if (inches < 27)
  {
    digitalWrite(12,HIGH);
    digitalWrite(11,LOW);
    myservo.write(160);
    if(i==1)
{
     digitalWrite(10,HIGH);
      delay(100);
     digitalWrite(10,LOW);
      delay(100);}
    i++;
  }
  else
  { i=1;
    digitalWrite(12,LOW);
     digitalWrite(11,HIGH);
    digitalWrite(10,LOW);
      myservo.write(pos);
  }
  delay(300);
}
```

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