Code

```
int i;
int b=128;
void setup()
{     Serial.begin(9600);
  pinMode(5,INPUT);
  pinMode(10,OUTPUT);

}
void loop()
{
 int r=digitalRead(5);
  int c=analogRead(A0);
  Serial.println(c);
 if(r == HIGH)
 {
   if(c<300)
   {
    analogWrite(10,255);
```

```
   }
   else if(c>=300)
   {


          analogWrite(10,b);
      delay(1000);


   }
  }
  }
```