

```
void setup()
{
  Serial.begin(115200);
  pinMode(3, OUTPUT);
}
```

```
void loop()
{
  int n = Serial.available();
  if(n>0)
  {
    char C = Serial.read();
    if(C == '0')
      analogWrite(3, 0);
    if(C == '1')
      analogWrite(3, 30);
    if(C == '2')
      analogWrite(3, 130);
    if(C == '3')
      analogWrite(3, 255);
  }
}
```