

```
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 (3,60);
    if (C == '2')
      analogWrite (3,130);
    if (C == '3')
      analogWrite (3,255);
  }
}
```