

```
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(3,100);
    if(c == '2')
      analogWrite(3,150);
    if(c == '3')
      analogWrite(3,255);
  }
  //analogWrite(3,255); // Test //
}
```