

```

int brightness;
int pin;
void setup()
{
}
void loop()
{
{pin=2; int brightness =255; // je varie ma lumiere ici de 0 à 255
analogWrite(pin, brightness);}
{pin=22; digitalWrite(pin,HIGH);// j'allume ma led choisi avec le Switch 0 ou 5V pour
laisser passer mon PWM
pinMode(pin, OUTPUT);}
{pin=23; digitalWrite(pin,HIGH);
pinMode(pin, OUTPUT);}

{pin=3; int brightness =125;
analogWrite(pin, brightness);}
{pin=24; digitalWrite(pin,LOW );
pinMode(pin, OUTPUT);}
{pin=25; digitalWrite(pin,HIGH);
pinMode(pin, OUTPUT);}

{pin=4; int brightness =10;
analogWrite(pin, brightness);}
{pin=26; digitalWrite(pin,LOW );
pinMode(pin, OUTPUT);}
{pin=27; digitalWrite(pin,HIGH);
pinMode(pin, OUTPUT);}
{pin=5; int brightness =10;
analogWrite(pin, brightness);}
{pin=28; digitalWrite(pin,LOW );
pinMode(pin, OUTPUT);}
{pin=29; digitalWrite(pin,HIGH);
pinMode(pin, OUTPUT);}
{pin=6; int brightness =10;
analogWrite(pin, brightness);}
{pin=30; digitalWrite(pin,LOW );
pinMode(pin, OUTPUT);}
{pin=31; digitalWrite(pin,HIGH);
pinMode(pin, OUTPUT);}
{pin=7; int brightness =10;
analogWrite(pin, brightness);}
{pin=32; digitalWrite(pin,LOW );
pinMode(pin, OUTPUT);}
{pin=33; digitalWrite(pin,HIGH);
pinMode(pin, OUTPUT);}
{pin=8; int brightness =10;
analogWrite(pin, brightness);}
{pin=34; digitalWrite(pin,LOW );
pinMode(pin, OUTPUT);}
{pin=35; digitalWrite(pin,HIGH);

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```
pinMode(pin, OUTPUT);}
{pin=9; int brightness =10;
analogWrite(pin, brightness);}
{pin=36; digitalWrite(pin,LOW );
pinMode(pin, OUTPUT);}
{pin=37; digitalWrite(pin,HIGH);
pinMode(pin, OUTPUT);}
{pin=10; int brightness =10;
analogWrite(pin, brightness);}
{pin=38; digitalWrite(pin,LOW );
pinMode(pin, OUTPUT);}
{pin=39; digitalWrite(pin,HIGH);
pinMode(pin, OUTPUT);}
{pin=11; int brightness =10;
analogWrite(pin, brightness);}
{pin=40; digitalWrite(pin,LOW );
pinMode(pin, OUTPUT);}
{pin=41; digitalWrite(pin,HIGH);
pinMode(pin, OUTPUT);}
{pin=12; int brightness =10;
analogWrite(pin, brightness);}
{pin=42; digitalWrite(pin,LOW );
pinMode(pin, OUTPUT);}
{pin=43; digitalWrite(pin,HIGH);
pinMode(pin, OUTPUT);}
{pin=13; int brightness =10;
analogWrite(pin, brightness);}
{pin=44; digitalWrite(pin,LOW );
pinMode(pin, OUTPUT);}
{pin=47; digitalWrite(pin,HIGH);
pinMode(pin, OUTPUT);}
{pin=45; int brightness =10;
analogWrite(pin, brightness);}
{pin=48; digitalWrite(pin,HIGH);
pinMode(pin, OUTPUT);}
{pin=49; digitalWrite(pin,HIGH);
pinMode(pin, OUTPUT);}
{pin=46; int brightness =10;
analogWrite(pin, brightness);}
{pin=50; digitalWrite(pin,LOW );
pinMode(pin, OUTPUT);}
{pin=51; digitalWrite(pin,HIGH);
pinMode(pin, OUTPUT);}
}
```