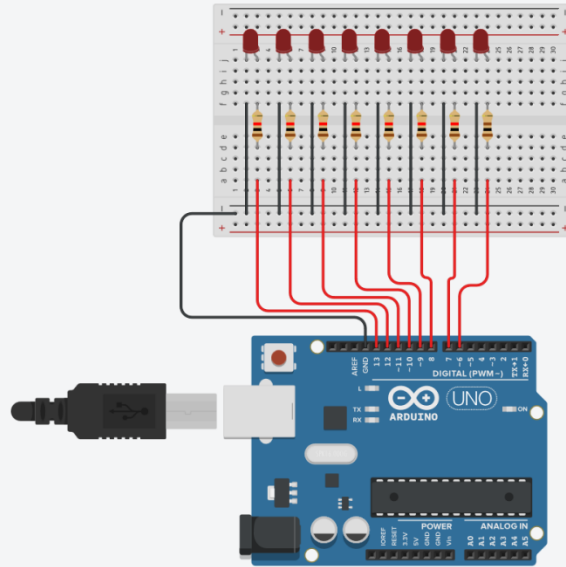


## Pràctica-13: Cotxe-Fantàstic-1

*Apartir de 8 leds, fés que els leds s'encenguin d'un a un amb lluminositat progressiva, d'una banda a un altra.*



### Codi:

```
int led1 = 13;
int led2 = 12;
int led3 = 11;
int led4 = 10;
int led5 = 9;
int led6 = 8;
int led7 = 7;
int led8 = 6;

void setup(){
  pinMode(led1, OUTPUT);
  pinMode(led2, OUTPUT);
  pinMode(led3, OUTPUT);
  pinMode(led4, OUTPUT);
  pinMode(led5, OUTPUT);
  pinMode(led6, OUTPUT);
  pinMode(led7, OUTPUT);
  pinMode(led8, OUTPUT);
}
```

**void loop() {**

```
digitalWrite(led1, HIGH);
delay(100);
digitalWrite(led2, HIGH);
delay(100);
digitalWrite(led3, HIGH);
delay(100);
digitalWrite(led1, LOW);
digitalWrite(led4, HIGH);
delay(100);
digitalWrite(led2, LOW);
digitalWrite(led5, HIGH);
delay(100);
digitalWrite(led3, LOW);
digitalWrite(led6, HIGH);
delay(100);
digitalWrite(led4, LOW);
digitalWrite(led7, HIGH);
delay(100);
digitalWrite(led5, LOW);
digitalWrite(led8, HIGH);
delay(100);
digitalWrite(led6, LOW);
delay(100);
digitalWrite(led7, LOW);
delay(100);
digitalWrite(led8, LOW);
delay(100);      //final ciclo1
digitalWrite(led8, HIGH);
delay(100);
digitalWrite(led7, HIGH);
delay(100);
digitalWrite(led6, HIGH);
delay(100);
digitalWrite(led8, LOW);
digitalWrite(led5, HIGH);
delay(100);
digitalWrite(led7, LOW);
digitalWrite(led4, HIGH);
delay(100);
digitalWrite(led6, LOW);
digitalWrite(led3, HIGH);
delay(100);
digitalWrite(led5, LOW);
digitalWrite(led2, HIGH);
delay(100);
digitalWrite(led4, LOW);
digitalWrite(led1, HIGH);
delay(100);
digitalWrite(led3, LOW);
delay(100);
digitalWrite(led2, LOW);
delay(100);
digitalWrite(led1, LOW);
delay(100);
```

**}**

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