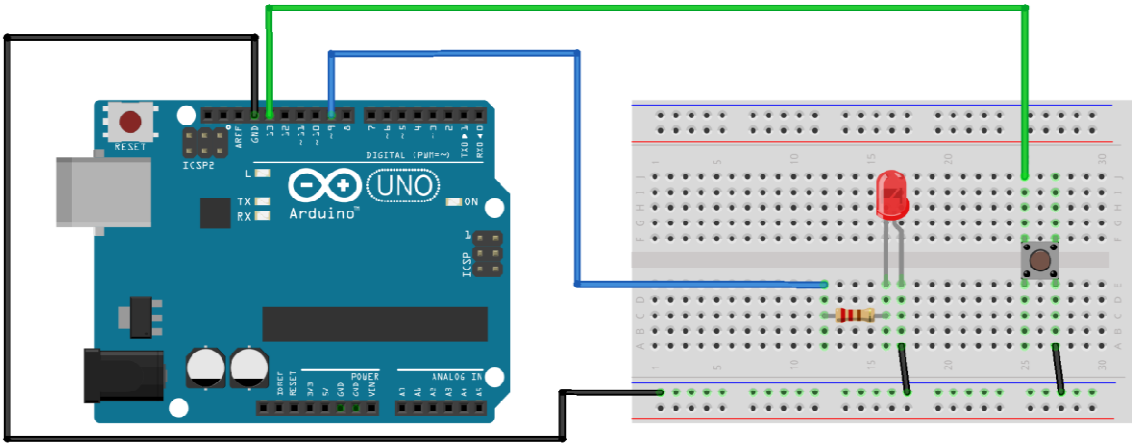
PRÁCTICAS ARDUINO

Pulsador:




```
int pulsador=13;
int led=9;
int val;

void setup(){
  pinMode(pulsador, INPUT_PULLUP); //HIGH por defecto
  pinMode(led, OUTPUT);
}

void loop() {

/*********************************
  val=digitalRead(pulsador);
  if(val==HIGH){
    digitalWrite(led,HIGH);
  }
  else{digitalWrite (led,LOW);}
*********************************/

digitalWrite(led,digitalRead(pulsador));

}
```

Pulsador2:

```
int pulsador=13;
int led=9;
int i;

void setup(){
  pinMode(pulsador, INPUT_PULLUP); //HIGH por defecto
  pinMode(led, OUTPUT);
}

void loop() {

//digitalWrite(led,digitalRead(pulsador));

//LED encendido sin dar pulsador
//Al dar pulsador va de apagado a máximo y a apagado

digitalWrite(led,HIGH);

while ( digitalRead(pulsador) == LOW ) {
  for ( i = 0; i <= 255 ; i=i+5 ) {
    analogWrite(led,i);
    delay(25);
  }

    for ( i = 255 ; i >= 0; i=i-5 ) {
    analogWrite(led,i);
    delay(25);
  }
```