

// Práctica encender y apagar un LED a través de botón pulsador

```
const int LED=13;
const int BOTON=7;
int val;
void setup(){
  pinMode(LED,OUTPUT);
  pinMode(BOTON,INPUT);
}
void loop(){
  val=digitalRead(BOTON);
  if (val==HIGH){
    digitalWrite(LED,HIGH);
  }
  else { digitalWrite(LED,LOW);
  }
}
```

sketch_feb02c Arduino 1.6.1

```
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const int LED2=12;
const int LED3=11;
const int PULSADOR=7;
int val;
void setup(){
  pinMode(LED1,OUTPUT);
  pinMode(LED2,OUTPUT);
  pinMode(LED3,OUTPUT);
  pinMode(PULSADOR,INPUT);
}
void loop(){
  val=digitalRead(PULSADOR);
  if (val==HIGH){
    digitalWrite(LED1,HIGH);
    digitalWrite(LED2,HIGH);
    digitalWrite(LED3,HIGH);
  }
  else {
    digitalWrite(LED1,LOW);
    digitalWrite(LED2,LOW);
    digitalWrite(LED3,LOW);
  }
}
```

Subido

32.256 bytes.
Global variables use 11 bytes (0%) of dynamic memory, leaving 2.037 bytes for local variables. Maximum is 2.048 bytes.

21 Arduino Uno on /dev/tty.wchusbserial14220

