

sketch\_mar24a.ino

```
1 void setup() {
2   // put your setup code here, to run once:
3   pinMode(2, OUTPUT); //pin GPIO2 folositi ca pin de iesire
4   Serial.begin(115200); //serial setat la 115200 baud
5 }
6
7 void loop() {
8   // put your main code here, to run repeatedly:
9   digitalWrite(2, LOW); // stinge LED
10  Serial.println("LED is off");
11  delay(1000); // asteapta 1000 milisecunde = 1 secunda
12  digitalWrite(2, HIGH); // aprinde LED
13  Serial.println("LED is on");
14  delay(1000); // asteapta 1000 milisecunde = 1 secunda
15 }
```

Output Serial Monitor x

Message (Ctrl + Enter to send message to 'ESP32 Dev Module' on 'COM3')

New Line

115200 baud

```
17:1:25.628 -> LED is on
17:1:26.635 -> LED is off
17:1:27.612 -> LED is on
17:1:28.629 -> LED is off
17:1:29.640 -> LED is on
17:1:30.629 -> LED is off
17:1:31.672 -> LED is on
17:1:32.640 -> LED is off
17:1:33.653 -> LED is on
17:1:34.635 -> LED is off
17:1:35.635 -> LED is on
17:1:36.632 -> LED is off
17:1:37.658 -> LED is on
17:1:38.631 -> LED is off
17:1:39.638 -> LED is on
```

Activate Windows

Go to Settings to activate Windows.

sketch\_mar24a.ino

```
1 void setup() {
2   // put your setup code here, to run once:
3   ledcSetup(0,2000,8); //canal 0, frecvență 2000Hz, rezoluție pe 8 biți
4   ledcAttachPin(18,0); //atasat la pinul 18, canalul 0 PWM
5   Serial.begin(115200);
6 }
7
8 void loop() {
9   // put your main code here, to run repeatedly:
10  Serial.println("1000Hz");
11  ledcWriteTone(0,1000); //canal 0, ton pe 1000Hz
12  delay(1000);
13  uint8_t octave = 1;
14  Serial.println("C Hz");
15  ledcWriteNote(0,NOTE_C,octave); //canal 0, nota, octava
16  delay(1000);
17 }
```

Output Serial Monitor x

Message (Ctrl + Enter to send message to 'ESP32 Dev Module' on 'COM3')

New Line

115200 baud

```
17:25:22.190 -> C Hz
17:25:23.205 -> 1000Hz
17:25:24.191 -> C Hz
17:25:25.206 -> 1000Hz
17:25:26.190 -> C Hz
17:25:27.205 -> 1000Hz
17:25:28.205 -> C Hz
17:25:29.202 -> 1000Hz
17:25:30.196 -> C Hz
17:25:31.194 -> 1000Hz
17:25:32.177 -> C Hz
17:25:33.210 -> 1000Hz
17:25:34.208 -> C Hz
17:25:35.189 -> 1000Hz
17:25:36.197 -> C Hz
```

Activate Windows

Go to Settings to activate Windows.