

Blink using Millis Function

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```
const int ledPin = LED_BUILTIN;
int interval = 4000;
void fun();
int ledState = LOW;
int previousMillis = 0;
```

```
void setup() { pinMode(ledPin, OUTPUT); }
```

```
void loop() {
```

```
    int currentMillis = millis();
```

```
    if (currentMillis - previousMillis >= interval) { previousMillis = currentMillis;
```

```
        if (ledState == LOW) { ledState = HIGH; }
```

```
        else { ledState = LOW; }
```

```
        digitalWrite(ledPin, ledState);
```

```
    }
```

```
}
```