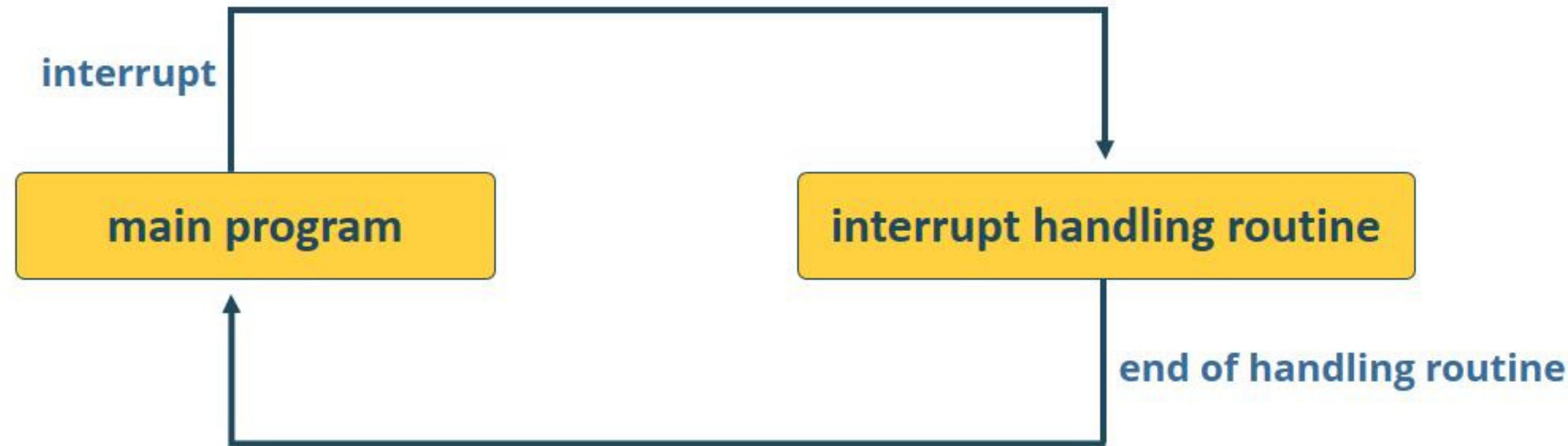


Interfacing PIR Sensor with ESP8266 using Interrupts and Timers

ESP8266 INTERRUPTS



Interrupts are useful for making things happen automatically in microcontroller programs and can help solve timing problems.

SYNTAX:

```
attachInterrupt(digitalPinToInterrupt(GPIO), ISR, mode);
```

1 **attachInterrupt()** Function:

- ***GPIO Interrupt Pin***
- ***The name function to be executed***
- ***Mode***

2 **GPIO interrupt pin:**

digitalPinToInterrupt(GPIO)

eg : digitalPinToInterrupt(14)

3 **ISR:**

ICACHE_RAM_ATTR

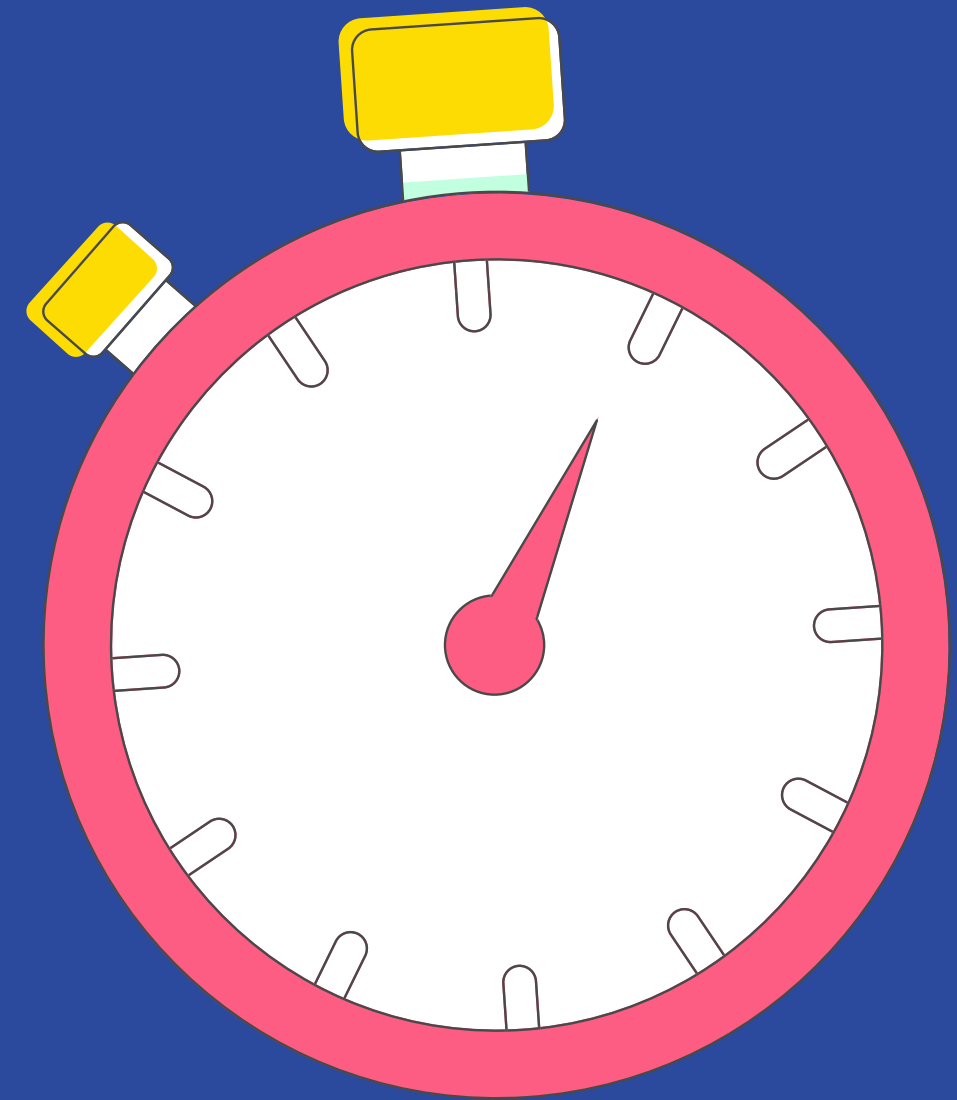
4 **Mode:**

- ***Change***
- ***Falling***
- ***Rising***

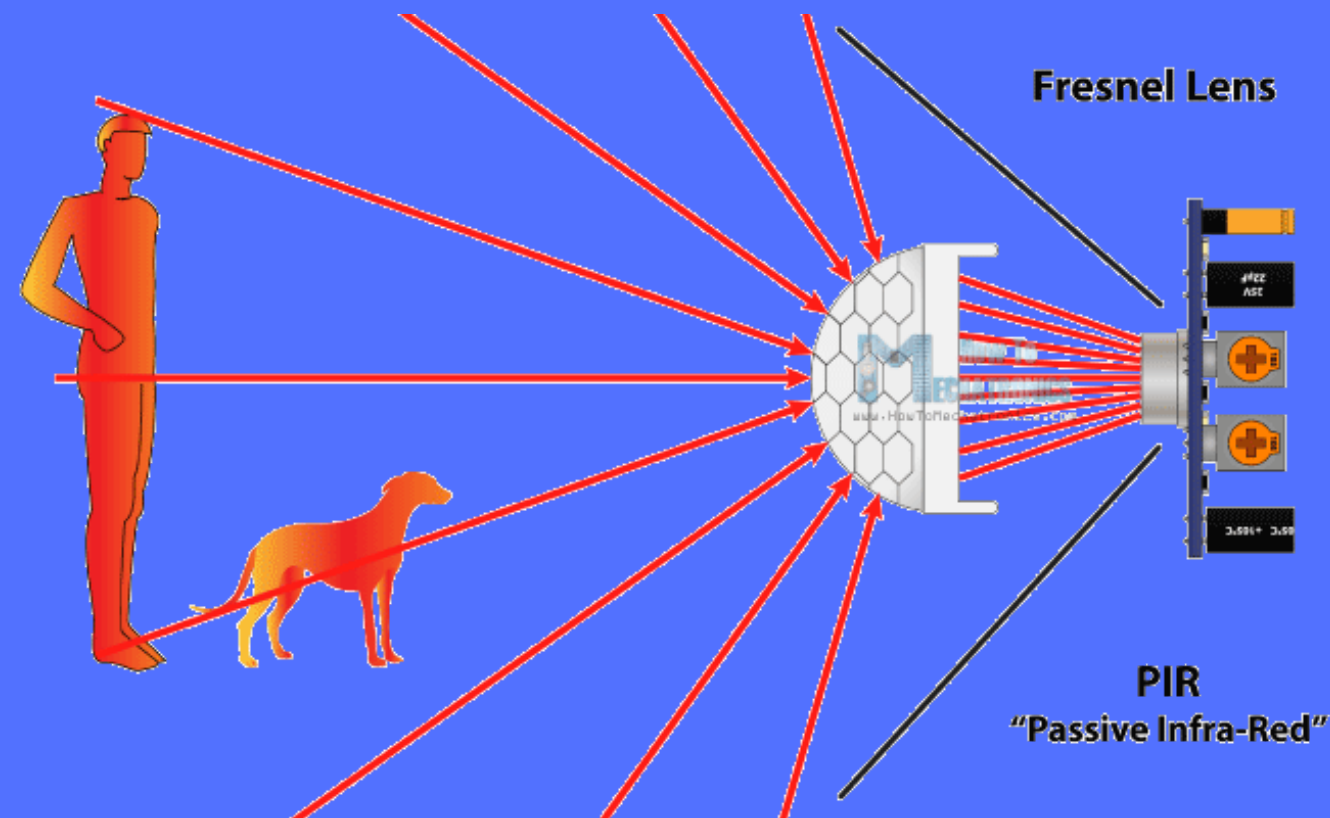
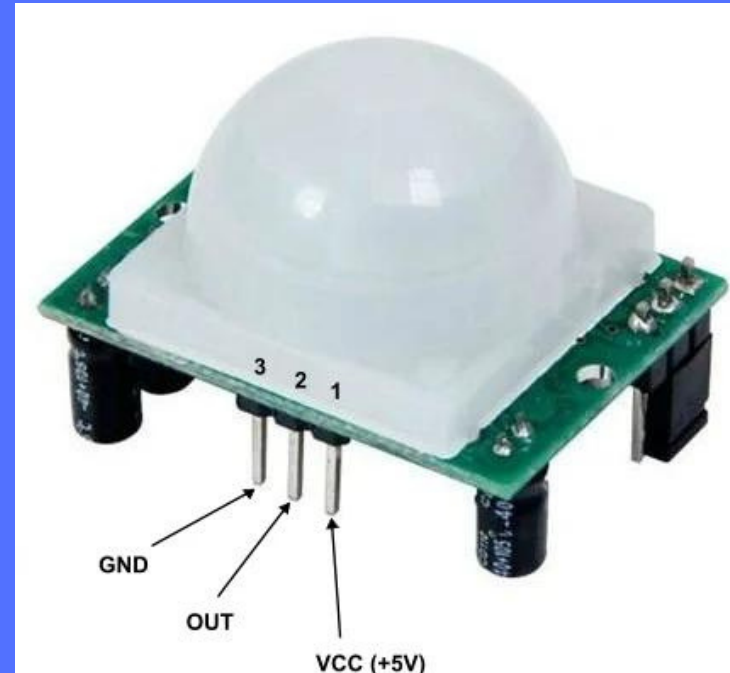
ESP8266 TIMERS

delay() vs *millis()*

delay(time in milliseconds);
millis();



ESP8266 WITH PIR MOTION SENSOR



Thank
you