

# Arduino

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## 1 Fonctions

### 1.1 Digital I/O

pinMode(pin, mode)	local ledpin = pio.X pio.pin.setdir(ledpin,mode)
Configures the specified pin to behave either as an input or an output pin - the number of the pin whose mode you wish to set mode - either INPUT or OUTPUT	Declared the variable that we are going to use X- correspond to the pin in that platform
digitalWrite(pin, value) Write a HIGH or a LOW value to a digital pin	pio.pin.sethigh(pin) ou pio.pin.setlow(pin) Set pin to high and low
digitalRead(pin) Reads the value from a specified digital pin, either HIGH or LOW	pio.port.getval(pin)

### 1.2 Time

delay(ms) Pauses the program for the amount of time (in ms) specified as parameter	tmr.delay( id, period ) Waits for the specified period, then returns  id - the timer ID and period - how long to wait (in us)
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