

RASPBERRY PI-IR_SENSOR

```
import RPi.GPIO as GPIO
import time

sensor = 3
led = 18

GPIO.setwarnings(False)
GPIO.setmode(GPIO.BOARD)
GPIO.setup(sensor, GPIO.IN)
GPIO.setup(led, GPIO.OUT)
GPIO.output(led, False)
print("IR sensor Ready")

try:
    while True:
        val = GPIO.input(sensor)
        print(val)
        if (val == 0):
            print(GPIO.input(sensor))
            print("Obstacle detected")
            GPIO.output(led, True)
            time.sleep(2)
            GPIO.output(led, False)
        else:
            print(GPIO.input(sensor))
            GPIO.output(led, False)
            print("Obstacle not detected")
            time.sleep(1)
except KeyboardInterrupt:
    GPIO.cleanup()
```

