

# Assignment 3

## LED blinking in Raspberry Pi using Python

```
import RPi.GPIO as GPIO.          # Import Raspberry Pi GPIO library
from time import sleep            # Import the sleep function from the time
                                  module
GPIO.setwarnings(False)          # Ignore warning for now
GPIO.setmode(GPIO.BOARD)         # Use physical pin numbering
GPIO.setup(8, GPIO.OUT, initial=GPIO.LOW)  # Set pin 8 to be an output pin
                                          and set initial value to low (off)
```

## Traffic Light blinking in Raspberry Pi using Python

```
from gpiozero import LED
red = LED(22)
amber = LED(27)
green = LED(17)
red.blink(1, 1)
amber.blink(2, 2)
green.blink(3, 3)
```