

**Name : CHINNADURAI. M**

**Assignment : 3**

**Dept : ECE**

**Reg.no : 210519106012**

### **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)
```