

## ASSIGNMENT 3

### BLINKING OF LED IN RASPBERRY PI:

```
import RPi.GPIO as GPIO
from time import sleep
GPIO.setwarnings(False)
GPIO.setmode(GPIO.BOARD)
GPIO.setup(8, GPIO.OUT, initial=GPIO.LOW)
while True:
    GPIO.output(8, GPIO.HIGH)
    sleep(1)
    GPIO.output(8, GPIO.LOW)
    sleep(1)
```

### TRAFFIC LIGHT USING RASPBERRY PI:

```
from gpiozero import LED
from time import sleep
red = LED(22)
amber = LED(27)
green = LED(17)
red.on()
sleep(1)
amber.on()
sleep(1)
green.on()
sleep(1)
red.on()
sleep(1)
amber.on()
sleep(1)
green.on()
sleep(1)
```

## ASSIGNMENT 3

```
red.off()
sleep(1)
amber.off()
sleep(1)
green.off()
while True:
    red.on()
    sleep(1)
    amber.on()
    sleep(1)
    green.on()
    sleep(1)
    red.off()
    sleep(1)
    amber.off()
    sleep(1)
    green.off()
```