

**Question:**

**Write python code for blinking led and traffic lights for Raspberry pi**

**CODE FOR BLINKING LED :**

```
import time
import RPi.GPIO as GPIO
GPIO.set mode (GPIO.BOARD)
GPIO.setup (11,GPIO.OUT)
while True:
    GPIO.output(11,true)
    time.sleep(1)
    GPIO.output(11,false)
    time.sleep(1)
```

**CODE FOR TRAFFIC LIGHTS:**

```
from gpiozero import Button, Traffic lights, Buzzer
from time import sleep
buzzer = Buzzer (15)
button = Button (21)
lights = Traffic lights (25,8,7)
while True:
    button.wait_for_press ( )
    buzzer.on ( )
    lights.green.on ( )
    sleep (1)
    lights.amber.on ( )
    sleep (1)
    lights.red.on ( )
```

sleep (1)

lights.off ( )

buzzer.off ( )