ASSIGNMENT 3 : BLINKING OF LED AND TRAFFIC LIGHTS FOR RASPBERRY Pi

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CODE :

```
import time import RPi.GPIO as
GPIO
GPIO.setmode(GPIO.BOARD)
GPIO.setup(11, GPIO.OUT)
while True:
  GPIO.output(11,True)
  time.sleep(1)
  GPIO.output(11,False)
  time.sleep(1)
from gpiozero import Button, TrafficLights, Buzzer
buzzer = Buzzer(15) button = Button(21) lights =
TrafficLights(25, 8, 7) while True:
button.wait_for_press()
  light.green.on()
sleep(1)
lights.amber.on()
sleep(1)
lights.red.on()
sleep(1)
lights.off() while
True: lights.on()
buzzer.off()
  button.wait_for_press()
  lights.off()
  buzzer.on()
  button.wait_for_release()
```

```
while True: lights.blink()
  buzzer.beep()
  button.wait_for_press()
  lights.off()
  buzzer.off()
  button.wait_for_release()
```