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

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MARKS	2 MARKS

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, /)
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()
lights.off()
buzzer.on()
button.wait_for_release()
while True:
  lights.blink()
  buzzer.beep()
button.wait_for_pres
s() lights.off()
buzzer.off()
button.wait_for_rel
ease()
```