Team ID	PNT2022TMID44448
Submitted by	T.Priyadharsini
Topic	Signs With smart connectivity
	for better road safety
Assignment 3	Write python code for blinking
	LED and traffic lights
	for Raspberry pi.

CODING:

```
Import RP1.GPIO as GP10
import time
GPIO. setmode(GPIO.BOARD)
GPIO.setup(7, GPIO.OUT) #Green LED
GPIO.setup(11, GPI0.OUT)#Yellow LED
GPIO.setup(13, GPI0.OUT) #Red LED
GPIO.setup(15, GP10.IN, pull_up_down=GPIO.PUD_UP)#Button
def turn_on(pin, seconds):
  GPIO.output (pin,GPIO.HIGH)
  time.sleep(seconds)
def turn_off (pin, seconds):
  GPIO.output (pin, GPIO.LOW)
  time.sleep(seconds)
try:
  while True:
    button_state=GPIO.input (15)
    if button_state== True:
      turn_on(13,2)
      tum_off(13,.1)
      turn_on(7,4)
      turn_off(7,.11)
      turn_on(11,1)
      turn_off(11,1)
      else:
       if button_state== False:
         GPI0.output (7,GPIO.LOW)
         GPIO.output(11,GPIO.LOW)
         GP10.output (13,GPIO.LOW)
```

time.sleep(.1)
except KeyboardInterrupt:
GPIO.cleanup()
print("Traffic Light Sequence Done")