Assignment 3:

Write python code for blinking LED and Traffic lights for Raspberry pi. Only python code is enough, no need to execute in raspberry pi.

from gpiozero import Button, Buzzer, LED

from time import sleep

buzzer = Buzzer(15)

button = Button(21)

redLight = LED(25)

orangeLight = LED(8)

greenLight = LED(7)

while True:

button.wait\_for\_press()

buzzer.on()

redLight.on()

sleep(1)

redLight.off()

orangeLight.on()

sleep(1)

orangeLight.off()

greenLight.on()

sleep(1)

greenLight.off()

buzzer.off()

OUTPUT :



