**Assignment-3**

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| Assignment Date | 11 october 2022 |
| Team ID | PNT2022TMID47588 |
| Project Name | Smart Solution for Railways |
| Maximum Marks |  |

**Question:**

python code for blinking LED and traffic lights for Raspberry pi.only python code is enough no need to execute in raspberry pi.

**Code:**

import time

import RPi.GPIO as GPIO

GPIO.setmode( GPIO. B0ARD)

GPI0.setup(11, GPIO.OUT)

while True

GPIO.Output(11,True)

time. sleep(1)

GPIO.output(11,False)

time. sleep(1)

from gpiozero import Button, Trafficlight, buzzer,

buzzer= Buzzer(15)

button=Button( 21)

light Traffict1ght( 25,8, 7)

while True

button.wat\_ for\_ press()

buzzer.on()

light. green.on()

sleep(1)

light.red.on()

sleep(1)

Light.red.on()

sleep(1)

li1ghts.off()

buzzer. off()