## **Assignment -3**

Assignment Date	05 October 2022
Student Name	LOHIT M
Student Roll Number	19L221
Team Id	PNT2022TMID12813

## **Question-1:**

Write python code for blinking LED and Traffic lights for Raspberry pi.

**Solution:** 

## LED BLINKING CODE

import RPi.GPIO as GP from
time import sleep
GP.setwarnings(False)
GP.setmode(GP.BOARD)
GP.setup(8,GP.OUT,initial=GP.LOW)

while True: #infinite loop

GP.output(8, GPIO.HIGH) # Turn on

print("The LED is ON")

sleep(2) # Sleep for 2 second

GP.output(8, GPIO.LOW) # Turn off

print("The LED is OFF")

sleep(2) # Sleep for 2 second

## TRAFFIC LIGHT RASBERRY PYTHON CODE



