Assignment -3

| Assignment Date | 05 October 2022 |
|---------------------|------------------|
| Student Name | PREMKUMAR K |
| Student Roll Number | 19L234 |
| Team Id | PNT2022TMID12813 |

Question-1:

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

Turn off

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

sleep(2) # Sleep for 2 second

GP.output(8, GPIO.LOW)

print("The LED is OFF")

TRAFFIC LIGHT RASBERRY PYTHON CODE



