**ASSIGNMENT 3**

write python code for blinking led and traffic lights for raspberry pi.

**Code:**

import RPi.GPIO as GPIO

import time

GPIO.setmode(GPIO.BCM)

# Green LED

GPIO.setup(20, GPIO.OUT)

# Yellow LED

GPIO.setup(26, GPIO.OUT)

# Red LED

GPIO.setup(21, GPIO.OUT)

try:

while True: GPIO.output(21, GPIO.HIGH)

print("Red")

time.sleep(4)

GPIO.output(21, GPIO.LOW)

GPIO.output(26, GPIO.HIGH)

print("Yellow")

time.sleep(4)

GPIO.output(26, GPIO.LOW)

GPIO.output(20, GPIO.HIGH)

print("Green")

time.sleep(4)

print("----------")

GPIO.output(20, GPIO.LOW)

finally:

GPIO.cleanup()