**ASSIGNMENT 3**

**Question:**

Write python code for blinking LED and Traffic lights for Raspberry pi.Only python code is enough, no need to execute in raspberry pi**.(Note: you are allowed to use web search and complete the assignment.)**

**Pi code:**

import time

import RPi.GPIO as GPIO

GPIO.setmode(GPIO.BOARD)

GPIO.setup(11, GPIO.OUT)

GPIO.setup(12, GPIO.OUT)

GPIO.setup(13, GPIO.OUT)

while True:

 GPIO.output(11,True) ## Turn on redLed

  time.sleep(1) ## Wait for one second

 GPIO.output(11,False) ## Turn off redLed

  time.sleep(1) ## Wait for one second

 GPIO.output(12,True) ## Turn on yellowLed

 time.sleep(1) ## Wait for one second

 GPIO.output(12,False) ## Turn off yellowLed

 time.sleep(1) ## Wait for one second

 GPIO.output(13,True) ## Turn on greenLed

 time.sleep(1) ## Wait for one second

 GPIO.output(13,False) ## Turn off greenLed

 time.sleep(1) ## Wait for one second