ASSIGNMENT-3

Write a 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.

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