**Write python code for blinking LED and**

**Traffic lights for Raspberry pi**

**ASSIGNMENT-3**

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**Code:**

import RPi. GPIO as GPIO import time import signal import

sys

#setup

GPIO.setmode (GPIO.BCM)

GPIO.setup (9, GPIO.OUT)

GPIO.setup (10, GPIO.OUT)

GPIO.setup (11, GPIO.OUT)

GPIO.output(9,False)

GPIO.output(10,False)

GPIO.output(11,False) GPIO.cleanup() sys.exit(0) signal.signal(signal

GINT,allLightsOff)

#loop

While True:

#red GPIO.output(9,True) time.sleep(3)

#red&amber

GPIO.output(10,True

)

time.sleep(1) #green

GPIO.output(9,False)

GPIO.output(9,True) GPIO.output(11,True) time.sleep(5) #amber

GPIO.output(11,False) GPIO.output(10,True) time.sleep(2)

#amber off

GPIO.output(10,False)