

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)

