ASSIGNMENT-3

PYTHON CODE FOR BLINKING LED USING RASPBERRY PI

CODE :

```
Import RPI.GPIO as GPIO

From time import sleep

GPIO.setwarning(False)

GPIO.setmode(GPIO.BOARD)

GPIO.setup(8,GPIO.OUT,initial=GPIO.LOW)

While True:

  GPIO.output(8,GPIO.HIGH)

  sleep(1)

  GPIO.output(8, GPIO.LOW)

  Sleep(1)
```

PYTHON CODE FOR TRAFFIC LIGHT USING RASPBERRY PI

```
from gpiozero import LED

from time import sleep


red =LED(22)

amber=LED(27)

green=(17)

While True :

  Red.on( )

  Sleep(1)

  Amber.on( )

  Sleep(1)

  Green .on ( )
```

```
Sleep(1)

Red .off ( )

Sleep(1)

Amber.off ( )

Sleep(1)

Green .off( )
```