```
#PROGRAM FOR TRAFFIC LIGHT

import RPi.GPIO as GPIO
import time
#assign numbering for the GPIO using BCM
GPIO.setmode(GPIO.BCM)
GPIO.setup(4,GPIO.OUT)#green led
GPIO.setup(3,GPIO.OUT)#yellow led
GPIO.setup(2,GPIO.OUT)#red led
while True:
   #code for green led
   GPIO.output(4,True)
   time.sleep(1)
   GPIO.OUTPUT(4,False)

   #code for yellow led
   GPIO.output(3,True)
   time.sleep(1)
   GPIO.OUTPUT(3,False)

   #code for red led
   GPIO.output(2,True)
   time.sleep(1)
   GPIO.OUTPUT(2,False)
GPIO.cleanup()

#=====================================================
#PROGRAM FOR BLINKING AN LED

import RPi.GPIO as GPIO
import time
```

```
#assign numbering for the GPIO using BCM
GPIO.setmode(GPIO.BCM)
#assingn number for the GPIO using Board
#GPIO.setmode(GPIO.BOARD)


cnt = 0
GPIO.setup(4, GPIO.OUT)
while True:
   if  cnt == 0 :
      GPIO.output(RED_LED, False)
      cnt = 1
   else:
       GPIO.output(RED_LED, True)
       cnt = 0
       time.sleep(1)
GPIO.cleanup()
```