ASSIGNMENT -3

Write python code for blinking LED and Traffic lights for Raspberry pi.

PYTHON CODE

```
import RPi. GPIO as GPIO
from time import sleep
GPIO. setmode(GPIO. BOARD)
red=7
yellow=11
green=13
GPIO setup(red, GPIO. OUT)
GPIO setup(yellow, GPIO. OUT)
GPIO setup(green, GPIO. OUT)
while True:
  GPIO.output(red, True)
  sleep(3)
  GPIO.output(red, False)
  GPIO.output(yellow, True)
  sleep(1)
  GPIO.output(yellow, False)
  GPIO.output(green, True)
  sleep(3)
  GPIO.output(green, False)
GPIO.cleanup()
```

INPUT

mycode.py

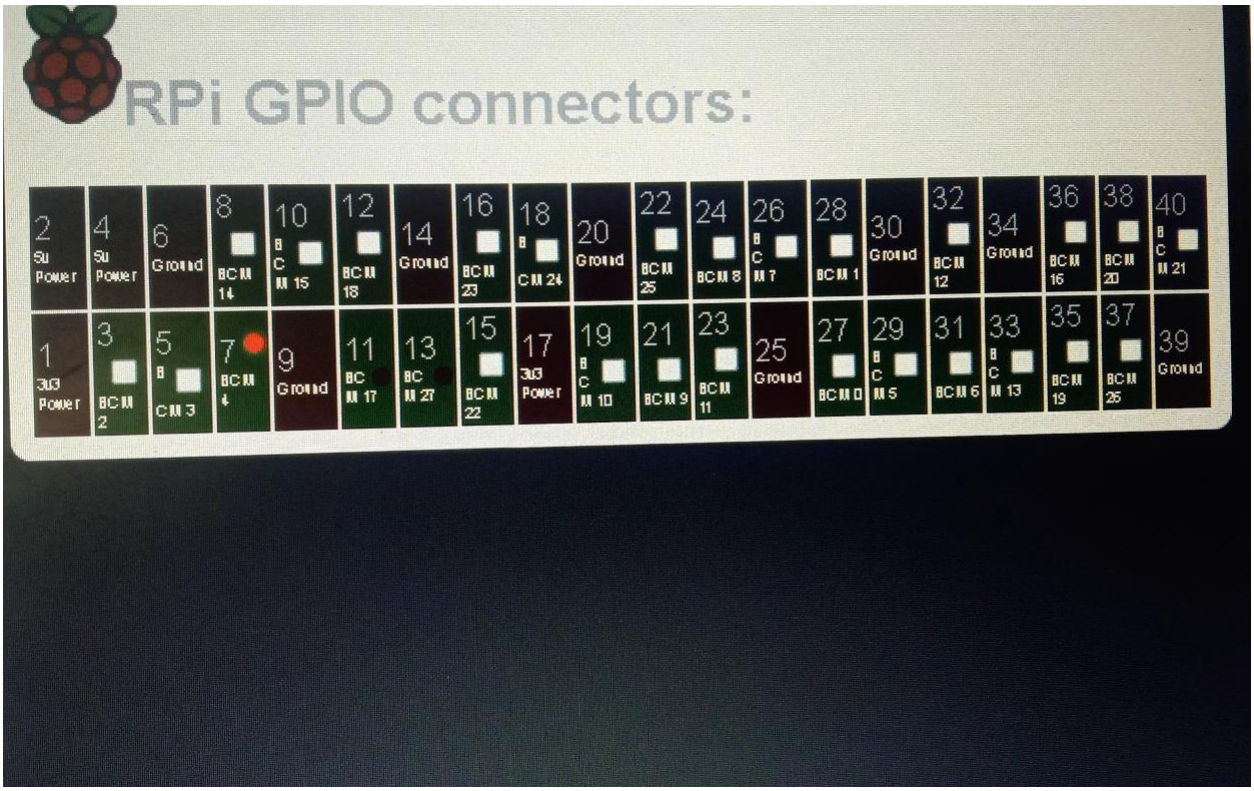
```
# import raspberry pi GPIO module
import RPi.GPIO as GPIO
from time import sleep

GPIO.setmode(GPIO.BOARD)

red=7
yellow=11
green=13

GPIO.setup(red,GPIO.OUT)
GPIO.setup(yellow,GPIO.OUT)
GPIO.setup(green,GPIO.OUT)

while True:
  GPIO.output(red, True)
  sleep(3)
  GPIO.output(red, False)
  GPIO.output(yellow, True)
  sleep(1)
  GPIO.output(yellow, False)
  GPIO.output(green, True)
  sleep(3)
  GPIO.output(green, False)
GPIO.cleanup()
```

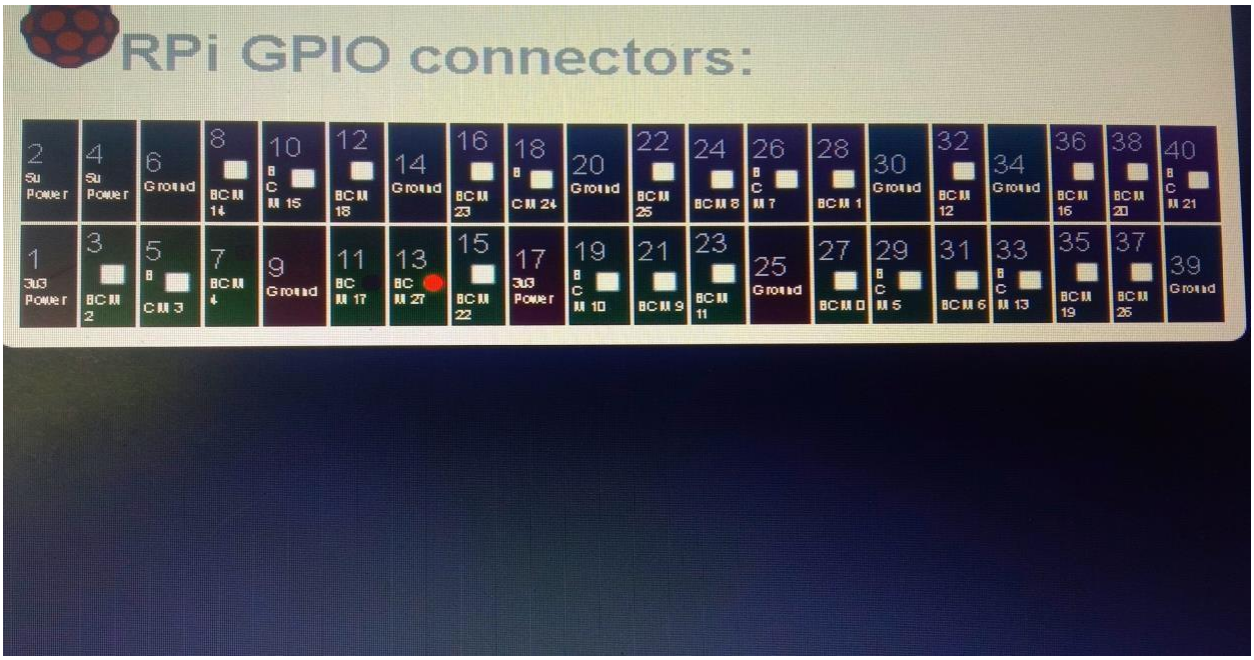
OUTPUT

Red=7

Yellow=11

Green=13





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