

**Assignment -3**  
**To get temperature and humidity value**

Assignment Date	09 October 2022
Student Name	Ms. Vishali S
Student Roll Number	9517201903175
Maximum Marks	2 Marks

**Question-1:**

Python program for led blinking.

**Solution:**

```
import RPi.GPIO as GPIO
from time import sleep
GPIO.setmode(GPIO.BOARD)
R=13
Y=12 G=8
while True:
    GPIO.output (13, GPIO.HIGH) sleep (5)
    GPIO.output(12, GPIO.HIGH) sleep(5)
    GPIO.output(8, GPIO.HIGH)

    sleep(5)
```

**Question-2:**

Python program for traffic light.

**Solution:**

```
import RPi.GPIO as GPIO
from time import sleep
GPIO.setwarnings(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)
```