

ASSESSMENT 3

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Python code for blinking of LED light:

CODE:

```
import RPi.GPIO as GPIO
import time

GPIO.setmode(GPIO.BCM)
GPIO.setup(18, GPIO.OUT)

while True:
    GPIO.output(18, GPIO.HIGH)
    time.sleep(1)
    GPIO.output(18, GPIO.LOW)
    time.sleep(1)

GPIO.cleanup()
```

Python code for traffic lights :

CODE :

```
from gpiozero import Button, TrafficLights, Buzzer
from time import sleep

LED = TrafficLights(9,10,11)

while True:
    LED.green.on()

    sleep(1)

    LED.amber.on()

    sleep(1)

    LED.red.on()
```

sleep(1)

LED.off()