ASSIGNMENT NO.3

NAME : VISHAL.M
REG.NO : 210219106041

Python code for traffic lights:

CODE:

```
from gpiozero import LED from
time import sleep
lights = TrafficLights(27, 5,
8) while True:
light.green.on()  sleep(1)
lights.amber.on()  sleep(1)
lights.red.on()  sleep(1)
lights.off()
```

Python code for blinking of LED light:

CODE:

```
import RPi.GPIO as GPIO
import time

LED_PIN = 15

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

while true:
    GPIO.output(LED_PIN,
GPIO.HIGH) time.sleep(1)
GPIO.output(LED_PIN,  GPIO.LOW)
time.sleep(1) GPIO.cleanup()
```