Assignment -3

Assignment Date	3 October 2022
Student Name	Kiran VM
Student Roll Number	710619106302
Maximum Marks	2 Marks

QUESTION:

Write a python code for blinking led and traffic light for rashpberry pi

PROGRAM FOR TRAFFIC LIGHT

Python Code

```python
from gpiozero import LED

from time import sleep


red = LED(27)

amber = LED(22)

green = LED(17)


while True:
        red.on()
         sleep(1)
        amber.on()
        sleep(1)
        green.on()
        sleep(1)
        red.off()
        sleep(1)
        amber.off()
        sleep(1)
        green.off()
```

PROGRAM FOR BLINKING LED

Python Code

```python
from gpiozero import LED

from time import sleep


red = LED(27)


while True:
        red.on()
         sleep(1)
        red.off()
        sleep(1)
```