**Assignment -3**
Python Programming

| Assignment Date | 05 October 2022 |
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| Student Name | GODSY D |
| Student Roll Number | 962819106016 |

**Question-1:**

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

Only python code is enough, no need to execute in Raspberry pi.

**Solution:**

**BLINKING OF LED:**

```python
from gpiozero import LED
from time import sleep

led = LED(17)

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

**TRAFFIC LIGHTS:**

```python
from gpiozero import LED
from time import sleep

red = LED(22)
amber = LED(27)
green = LED(17)

red.on()
sleep(1)
amber.on()
sleep(1)
green.on()
sleep(1)
```

traffic light.py - C:/Python/Python3107/traffic light.py (3.10.7)

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```python
from gpiozero import LED
from time import sleep

red = LED(22)
amber = LED(27)
green = LED(17)

red.on()
sleep(1)
amber.on()
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