

Assignment -3

Assignment Date	3 October 2022
Student Name	SWATHI.S
Student Roll Number	710619205008
Maximum Marks	2 Marks

QUESTION:

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

PROGRAM FOR TRAFFIC LIGHT

Python Code

```
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

```
from gpiozero import LED
```

```
from time import sleep
```

```
red = LED(27)
```

```
while True:
```

```
    red.on()
```

```
    sleep(1)
```

```
    red.off()
```

```
    sleep(1)
```