

## ASSIGNMENT-3

Python code for blinking LED and Traffic lights for Raspberry pi. Only python code is enough, no need to execute in raspberry pi.

|                 |                      |
|-----------------|----------------------|
| Assignment Date | October 2022         |
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| Student Roll no | 19EC036(MECR19EC036) |
| Maximum Marks   | 2 marks              |

### Question 1

Write python code for blinking LED and Traffic lights for Raspberry pi. Only python code is enough, no need to execute in raspberry pi.

CODE:

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

```
red = LED(22)
```

```
yellow = LED(27)
```

```
green = LED(17)
```

```
while True:
```

```
    red.on()
```

```
    sleep(10)
```

```
    red.off()
```

```
    sleep(1)
```

```
    yellow.on()
```

```
    sleep(2)
```

```
    yellow.off()
```

```
    sleep(1)
```

```
    green.on()
```

```
    sleep(10)
```

```
    green.off()
```

```
    sleep(1)
```