

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
Student name	Deepan S
Student Roll no	19EC013(MECR19EC013)
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)
```