

### ASSIGNMENT- 3

<b>Assignment Date</b>	<b>07 October 2022</b>
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<b>Student Roll Number</b>	<b>910619106013</b>
<b>Maximum Marks</b>	<b>2 Marks</b>

#### CODE-1

```
from gpiozero import LED
```

```
red = LED(22)  
amber = LED(27)
```

```
red.blink(1, 1)  
amber.blink(2, 2)
```

#### CODE-2

```
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)
```

```
//lights on and off in sequence
```

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

```
//while loop
from gpiozero import LED
from time import sleep
```

```
red = LED(22)
amber = LED(27)
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()
```