

ASSIGNMENT- 3

Assignment Date
Student Name
Student Roll Number
Maximum Marks

07 October 2022
P.Dhilip
910619106013
2 Marks

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()
```