

THIAGARAJAR COLLEGE OF ENGINEERING

ASSIGNMENT – 3



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Python code for blinking LED and Traffic lights for Raspberry pi

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

```
while True:  
    red.on()  
    sleep(1)  
    amber.on()  
    sleep(1)  
    green.on()  
    sleep(1)
```



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