

### ASSIGNMENT 3

Name: Vasundara A  
Register No : 211419106287

Python code for blinking LED and Traffic Lights for raspberry pi

```
from gpiozero import LED
```

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

```
red.blink()
```

```
from gpiozero import LED
```

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

```
amber = LED(27)
```

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

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

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

```
green.blink(3, 3)
```

```
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)
```

```
while True:
```

```
    red.on()
```

```
    sleep(1)
```

```
    amber.on()
```

```
    sleep(1)
```

```
    green.on()
```

```
    sleep(1)
```

```
    red.off()
```

```
    sleep(1)
```

```
    amber.off()
```

```
    sleep(1)
```

```
    green.off()
```