

Ariyalur Engineering College

Nalaiyathiran

Assignment 3

Write a python code for blinking LED and Traffic lights for Raspberry pi.

Blinking LED:

```
Import Rpi.GPIO as GPIO
```

```
From time import sleep
```

```
GPIO. Setwarnings(false)
```

```
GPIO. Setmode(GPIO.BOARD)
```

```
GPIO.step(8, GPIO.OUT, initial=GPIO.LOW)
```

```
While True:
```

```
GPIO.OUTPUT(8, GPIO.HIGH)
```

```
Sleep(1)
```

```
GPIO.output(8, GPIO.LOW)
```

```
Sleep(1)
```

Traffic Light:

```
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)
```

