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BE ECE

SKCT

ASSIGNMENT 3

Problem Statement

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

Blinking LED

```python
import RPi.GPIO as GPIO
from time import sleep
GPIO.setwarnings(False)
GPIO.setmode(GPIO.BOARD)
GPIO.setup(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)
```