Assignment 3

Write a Python code for blinking LED and Traffic lights using Raspberry Pi

Blinking LED

```
import time
import RPi.GPIO as GPIO         ## Import GPIO library
GPIO.setmode(GPIO.BOARD)        ## Use board pin
numbering
GPIO.setup(11, GPIO.OUT)        ## Setup GPIO Pin 11 to
OUT
while True:
    GPIO.output(11,True)  ## Turn on Led
    time.sleep(1)         ## Wait for one second
    GPIO.output(11,False) ## Turn off Led
    time.sleep(1)         ## Wait for one second


Traffic Lights

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)
```