## **Assignment 3**

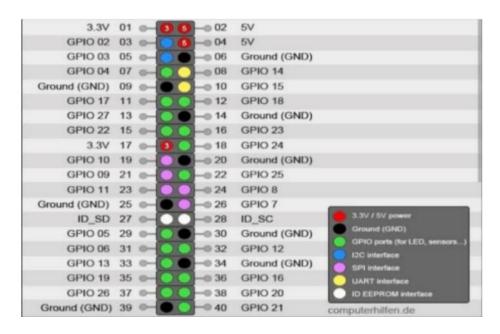
• Write python code for blinking LED and Traffic lights for Raspberry pi.

ASSIGNMENT DATE	25/10/2022
STUDENT NAME	RAJARAJESVARRI G
STUDENT ROLL NUMBER	917719C077
MAXIMUM MARKS	2 MARKS

## Program:

```
from gpiozero import Button, TrafficLights, Buzzer
from time import sleep
buzzer = Buzzer (15)
button = Button (21)
lights = TrafficLights(25, 8, 7)
while True:
button.wait_for_press()
buzzer.on()
light.red.on()
sleep(1)
lights.amber.on()
sleep(1)
lights.green.on()
sleep(1)
lights.off()
buzzer.off()
```

## **OUTPUT:**



**GPIO PINS USED:** 

GP 21 - BUTTON

GP 15 - BUZZER

GP 25 - RED LED

**GP8-YELLOW LED** 

GP7-GREENLE