

| | |
|---------------------|------------------|
| Assignment Date | 07 November 2022 |
| Student Name | Ms.J.Sriji |
| Student Roll Number | 821719106023 |
| Maximum Marks | 2 Marks |

Question-3

Write python code for blinking LED and traffic lights for raspberry pi.

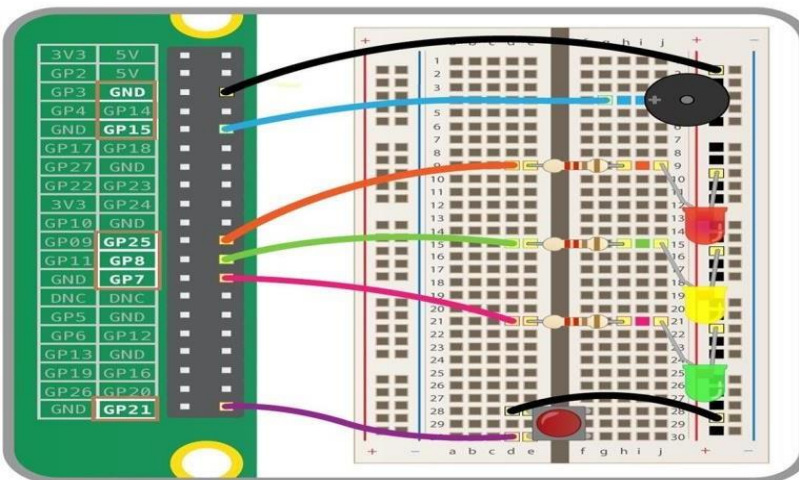
Code

```

1. from gpiozero import Button, TrafficLights, Buzzer
2. from time import sleep
3.
4. buzzer = Buzzer(15)
5. button = Button(21)
6. lights = TrafficLights(25, 8, 7)
7.
8. while True:
9.     button.wait_for_press()
10.    buzzer.on()
11.    light.green.on()
12.    sleep(1)
13.    lights.amber.on()
14.    sleep(1)
15.    lights.red.on()
16.    sleep(1)
17.    lights.off()
18.    buzzer.off()

```

Diagram



Output

