**ASSIGNMENT-3**

|  |  |
| --- | --- |
| STUDENT NAME | SENTHURIYA.D |
| STUDENT ROLL NUMBER | 713519CEEC032 |

**Python code for blinking LED and Traffic light for Raspberry pi**

|  |
| --- |
| #Start of the 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.green.on() |
|  | sleep(1) |
|  | lights.amber.on() |
|  | sleep(1) |
|  | lights.red.on() |
|  | sleep(1) |
|  | lights.off() |
|  | buzzer.off() |
|  | #end of the program |