ASSIGNMENT 3

Python Programming

Assignment Date	19 September 2022
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Maximum Marks	2 Marks

Question-1:

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

```
Solution:
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_pr
      ess()buzzer.on()
      light.red.on()
```

sleep(1)

lights.amber.

on()sleep(1)

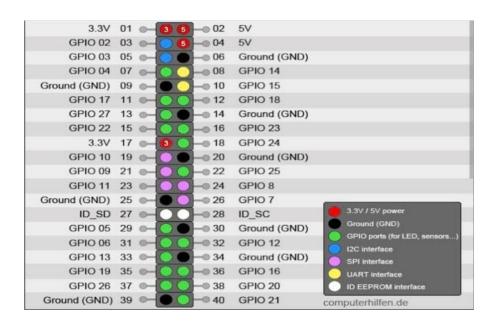
lights.green.o

n() sleep(1)

lights.off()

buzzer.off()

Output:



GPIO PINS USED:

- GP 21-BUTTON
- GP 15-BUZZER
- GP 25- RED LED
- GP 8- YELLOW LED
- GP 7- GREEN LED