Assignment 3

AssignmentDate	05October 2022
Student Name	PRAEIN KK
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Maximum Marks	2 marks

Question 01

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

Solution:

Code for LED interface with Raspberry pi:

From gpiozero import Button, LED

Led = LED(25)

Button = Button(21)

While True:

  Button.wait_for_press()

  Led.on()

  Print("Pressed")

  Button.wait_for_release()

  Led.off()

  Print("Released")

      Code for Traffic light

      from gpiozero import LED

      from time import sleep

      red = LED(22)

      amber = LED(27)

      green = LED(17)

```python
while True:
    red.on()
    sleep(1)
    amber.on()
    sleep(1)
    green.on()
    sleep(1)
    red.off()
    sleep(1)
    amber.off()
    sleep(1)
    green.off()
```