Assignment -3

Raspberry Pi using Python code

Assignment Date	26 September 2022
Student Name	Mr. M.Vishnu
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Maximum Marks	2 Marks

Question-1:

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

Solution code:

```python
from machine import Pin
from time import sleep
led_red = Pin(23, Pin.OUT)
led_yellow = Pin(22, Pin.OUT)
led_green = Pin(21, Pin.OUT)
while True:
    led_red.value(1)
    led_yellow.value(0)
    led_green.value(0)
    sleep(3)
    led_yellow.value(1)
    led_red.value(0)
    led_green.value(0)
    sleep(2)
    led_green.value(1)
    led_yellow.value(0)
    led_red.value(0)
    sleep(4)
    led_yellow.value(1)
    led_red.value(0)
    led_green.value(0)
    sleep(2)
```