

Assignment -3

Raspberry Pi using Python code

Assignment Date	26 September 2022
Student Name	Mr. T.Sabarinathan
Student Roll Number	911019104020
Maximum Marks	2 Marks

Question-1:

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

Solution code:

```
import time
from machine import Pin
led_red=Pin(21,Pin.OUT)
led_yellow=Pin(18,Pin.OUT)
led_green=Pin(04,Pin.OUT)
while True:
    led_red.value(2)
    led_yellow.value(0)
    led_green.value(0)
    time.sleep(1)
    led_red.value(0)
    led_yellow.value(1)
    led_green.value(0)
    time.sleep(3)
    led_red.value(0)
    led_yellow.value(0)
    led_green.value(1)
    time.sleep(3)
```

