

Assignment -3

Raspberry Pi using Python code

Assignment Date	26 September 2022
Student Name	Mr. S. Rama Krishnan
Student Roll Number	911019104017
Maximum Marks	2 Marks

Question-1:

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

Solution code:

```
from machine import Pin
```

```
from time import sleep
```

```
led_red = Pin(2, Pin.OUT)
```

```
led_yellow = Pin(4, Pin.OUT)
```

```
led_green = Pin(5, 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)
```

