Traffic Light Controller

```python
from machine import Pin
from time import sleep

red = Pin(1,Pin.OUT)
amber = Pin(5,Pin.OUT)
green = Pin(9,Pin.OUT)

red.on()
sleep(1)
red.off()
sleep(1)
amber.on()
sleep(1)
amber.off()
sleep(1)
green.on()
sleep(1)
green.off()

while True:
 red.on()
 sleep(1)
 amber.on()
 sleep(1)
 green.on()
 sleep(1)
 red.off()
 sleep(1)
 amber.off()
 sleep(1)
 green.off()
```
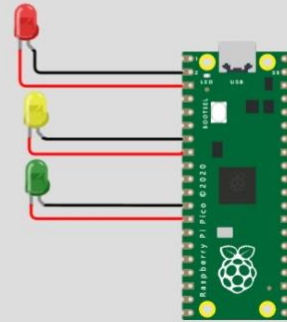
WOKWI 💾 SAVE ▾ ➔ SHARE ♥   Docs SIGN IN

main.py diagram.json ▾ | Simulation

```python
1
2  from machine import Pin
3  from time import sleep
4
5  red = Pin(1,Pin.OUT)
6  amber = Pin(5,Pin.OUT)
7  green = Pin(9,Pin.OUT)
8
9  red.on()
10 sleep(1)
11 red.off()
12 sleep(1)
13 amber.on()
14 sleep(1)
15 amber.off()
16 sleep(1)
17 green.on()
18 sleep(1)
19 green.off()
20
21 while True:
22   red.on()
23   sleep(1)
24   amber.on()
25   sleep(1)
26   green.on()
27   sleep(1)
28   red.off()
29   sleep(1)
```

Blinking LED

```python
from machine import Pin
import utime

led = Pin(15,Pin.OUT)

while True:
    led.toggle()
    utime.sleep(0.5)
```