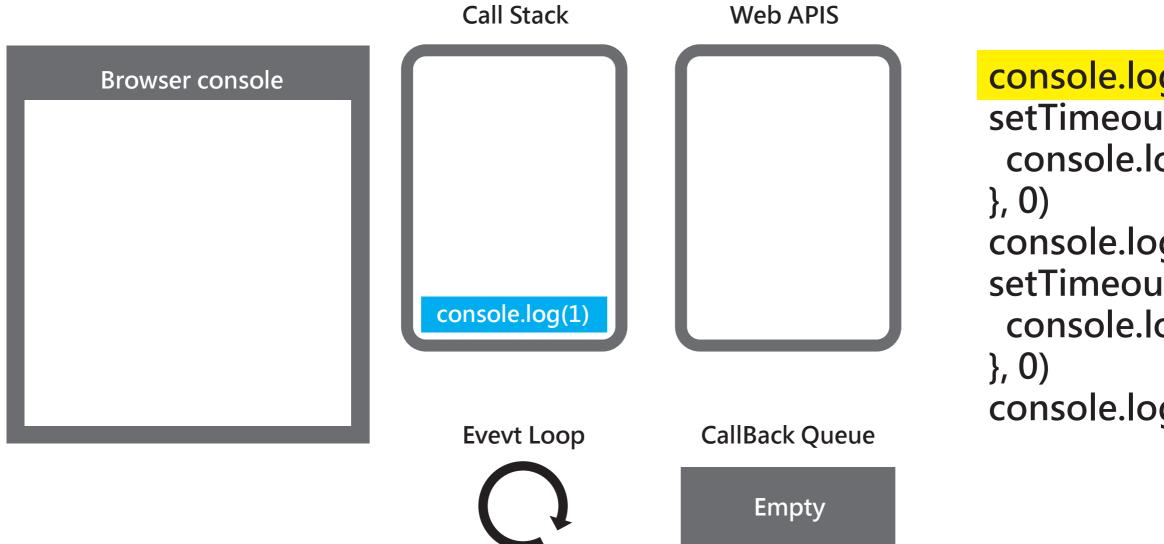
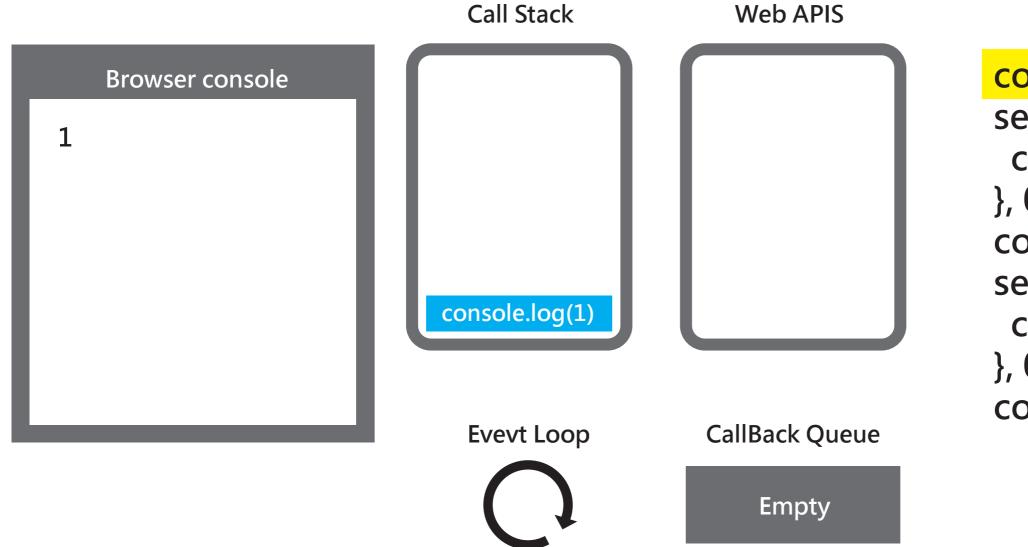
# 1. 新增 console.log(1) 至 Call Stack



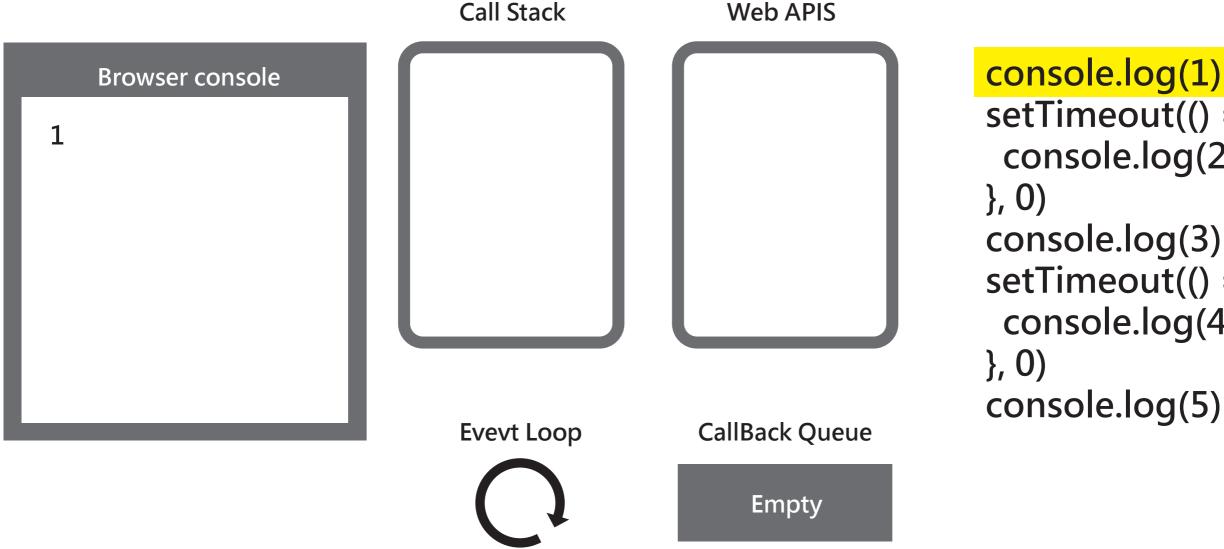
console.log(1) setTimeout(() => { console.log(2) console.log(3) setTimeout(() => { console.log(4) console.log(5)

# 2. console.log(1)被執行



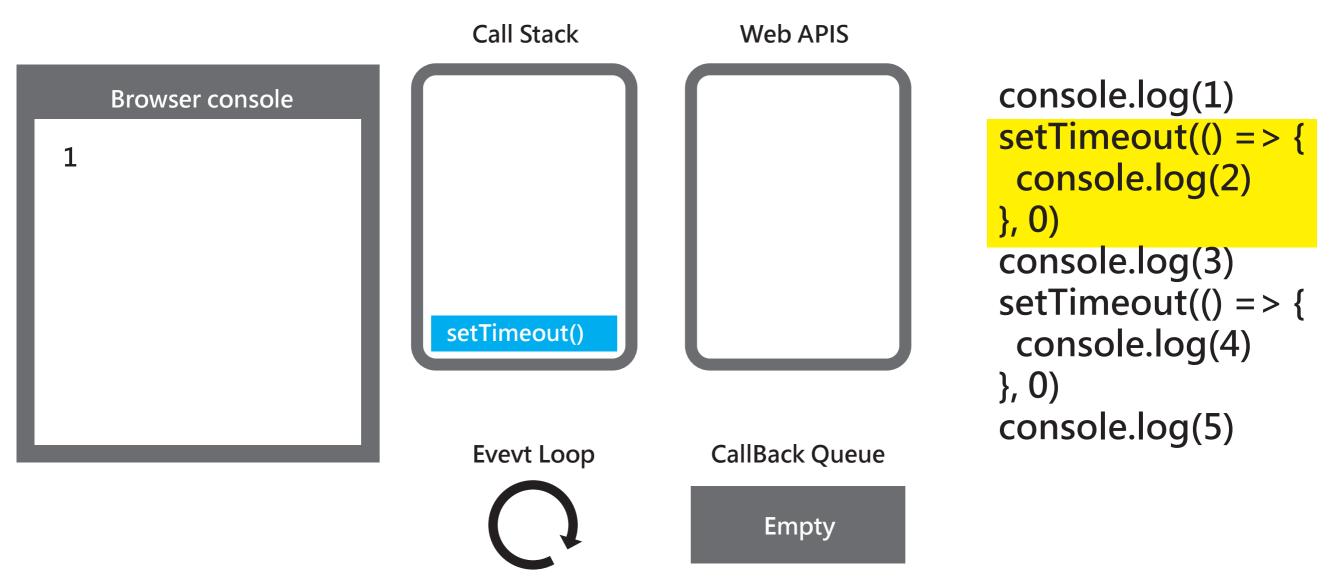
```
console.log(1)
setTimeout(() => {
 console.log(2)
}, 0)
console.log(3)
setTimeout(() => {
 console.log(4)
}, 0)
console.log(5)
```

# 3. console.log(1) 執行完被移除出 Call Stack

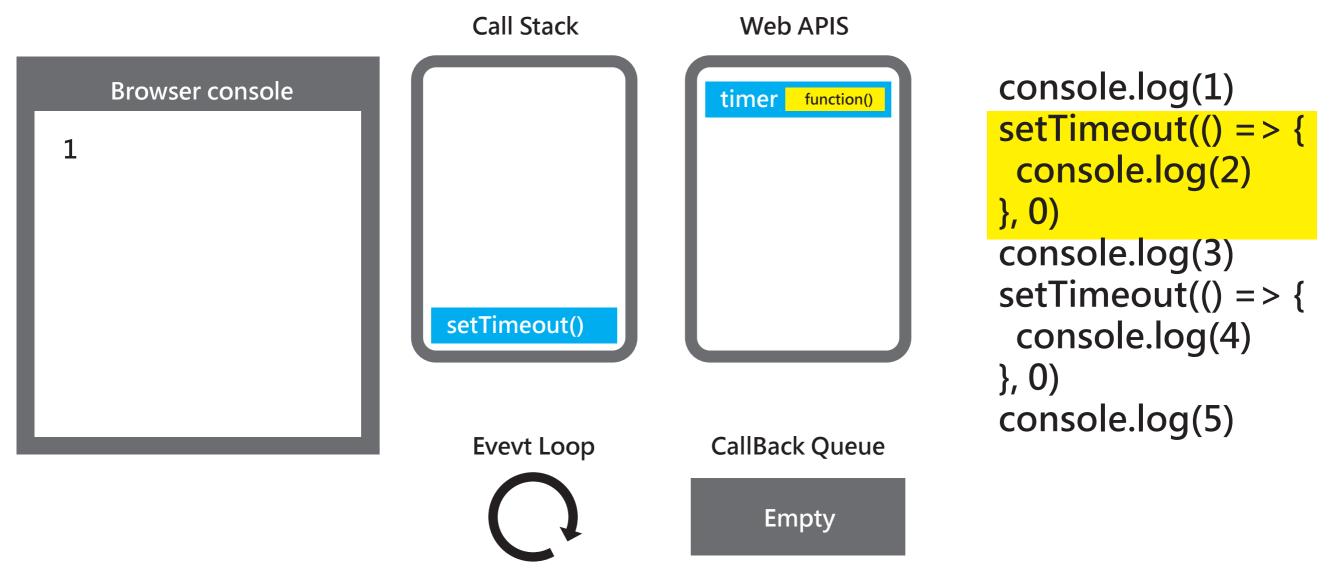


console.log(1) setTimeout(() => { console.log(2) console.log(3) setTimeout(() => { console.log(4)

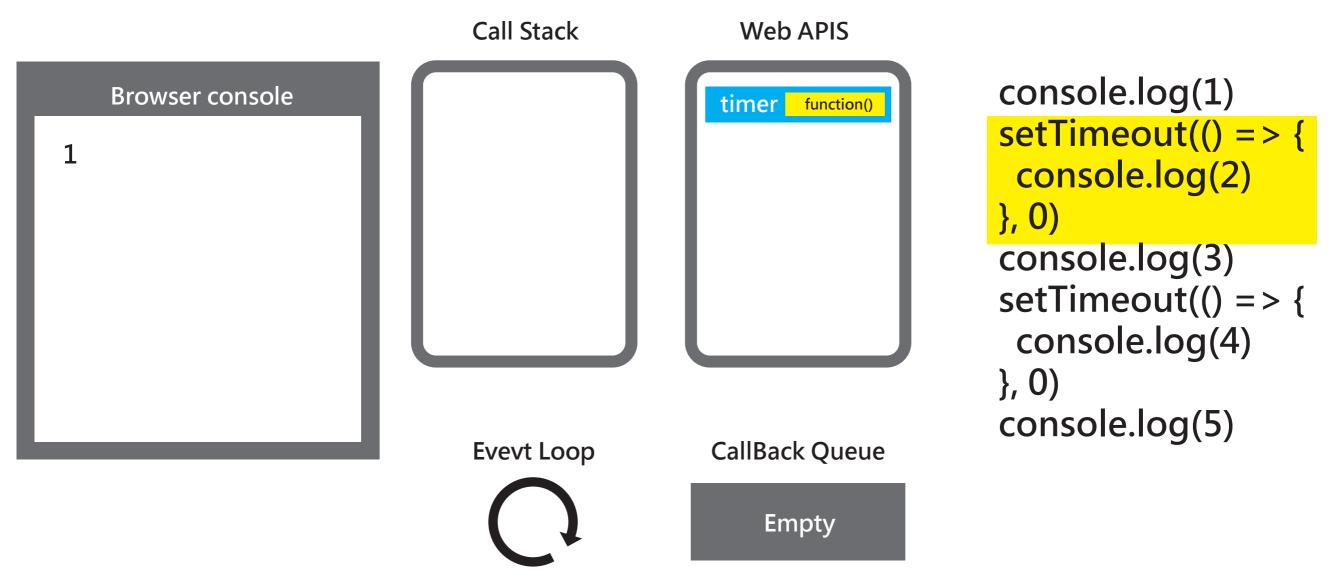
#### 4. 新增 setTimeout(() { ... }) 至 Call Stack



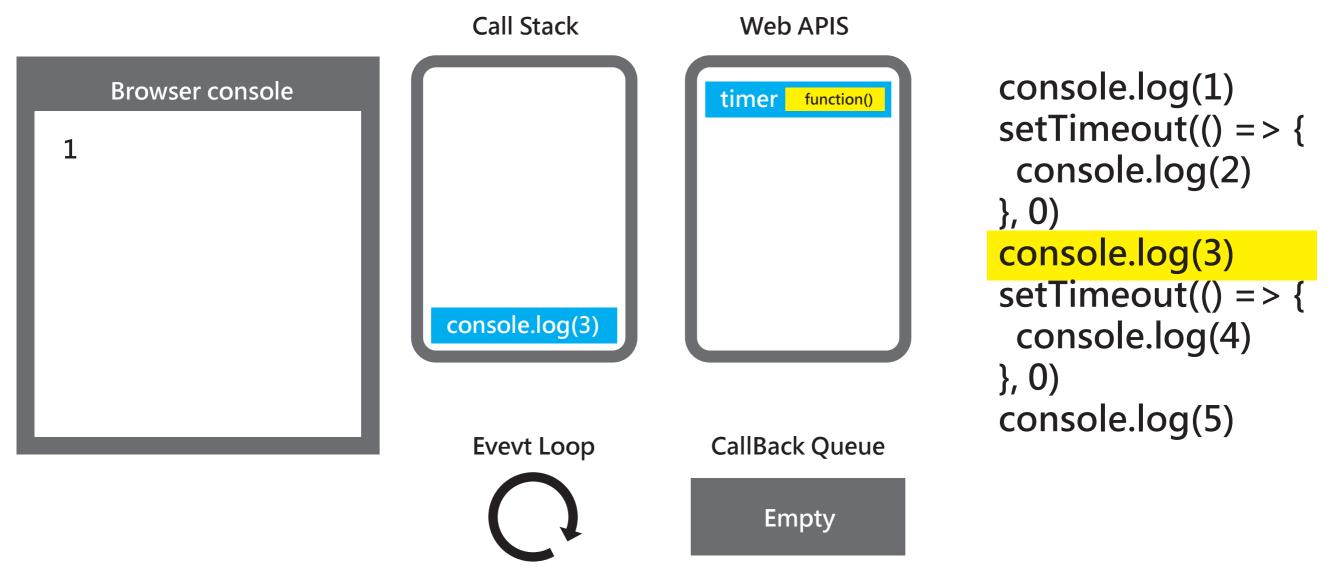
# 5. setTimeout(() { ... }) 被執行,瀏覽器會根據 web API 建立一個定時器



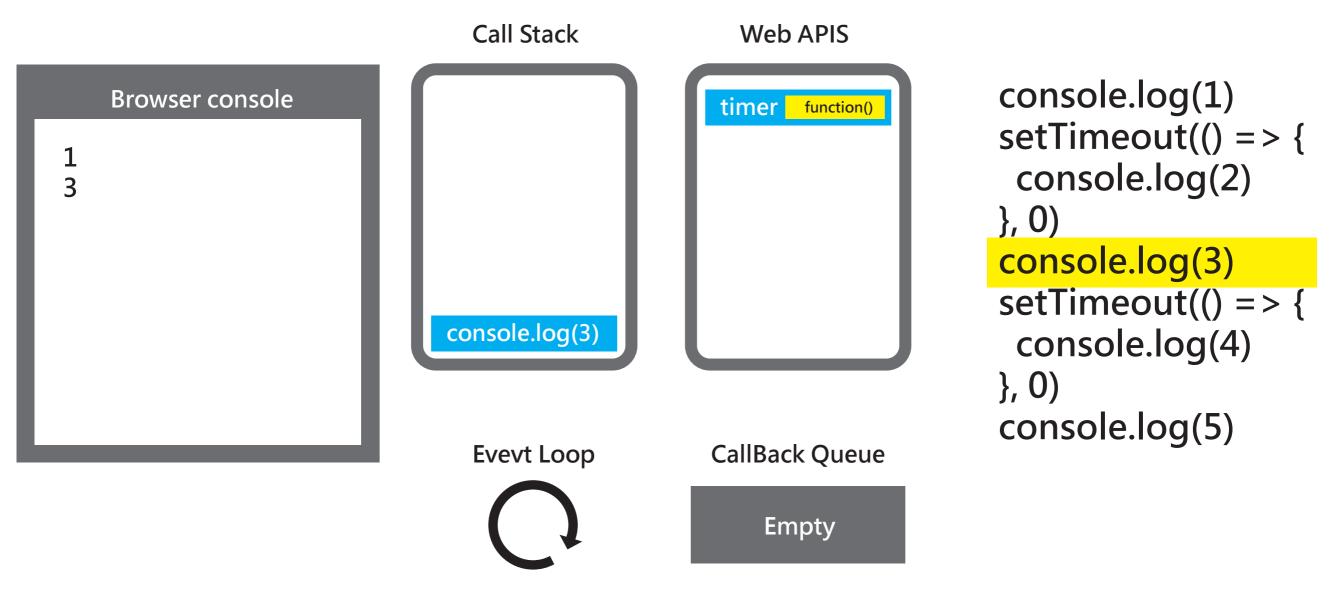
#### 6. setTimeout(() { ... }) 執行完被移除出 Call Stack



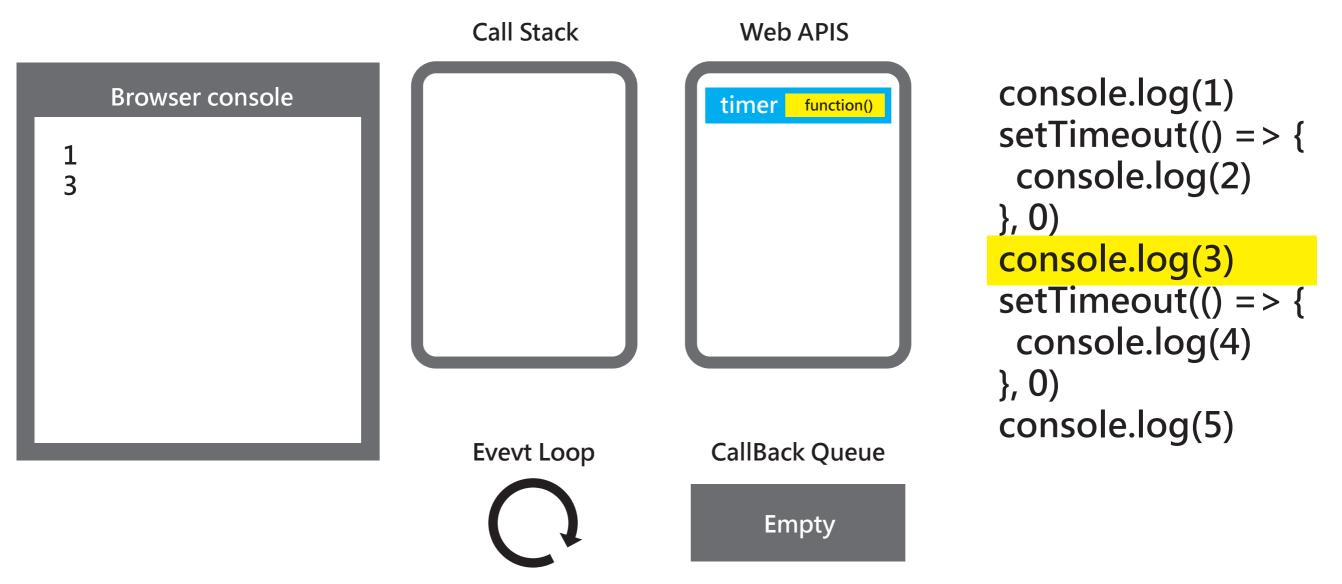
#### 7. 新增 console.log(3) 至 Call Stack



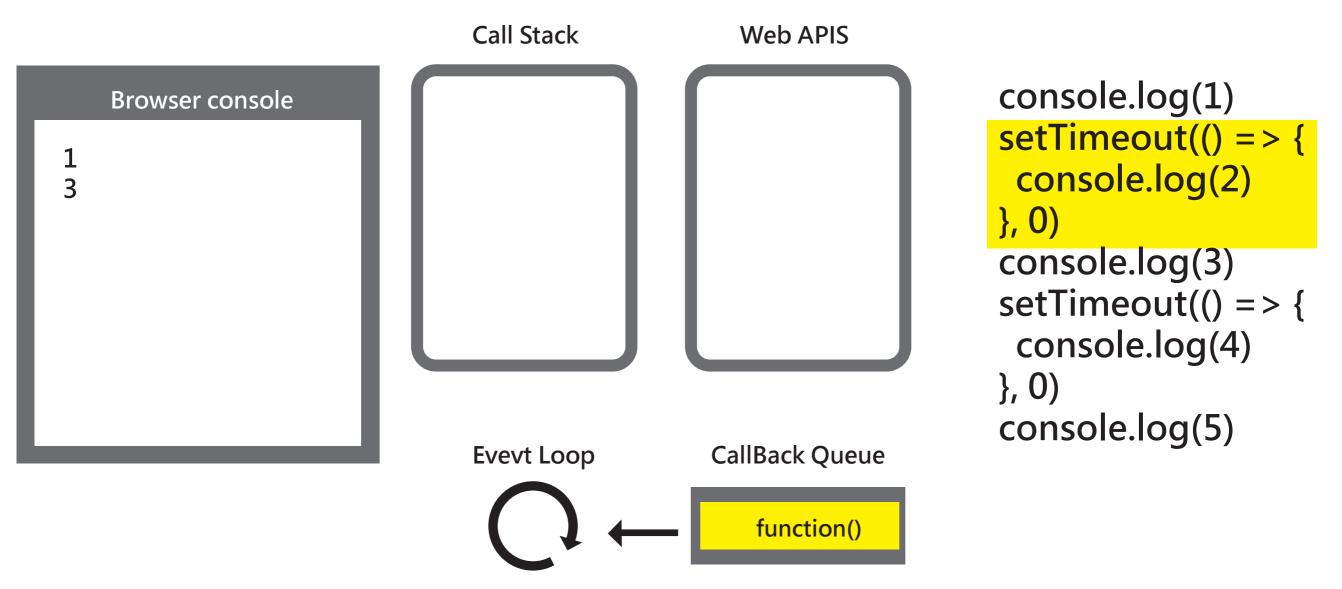
# 8. console.log(3)被執行



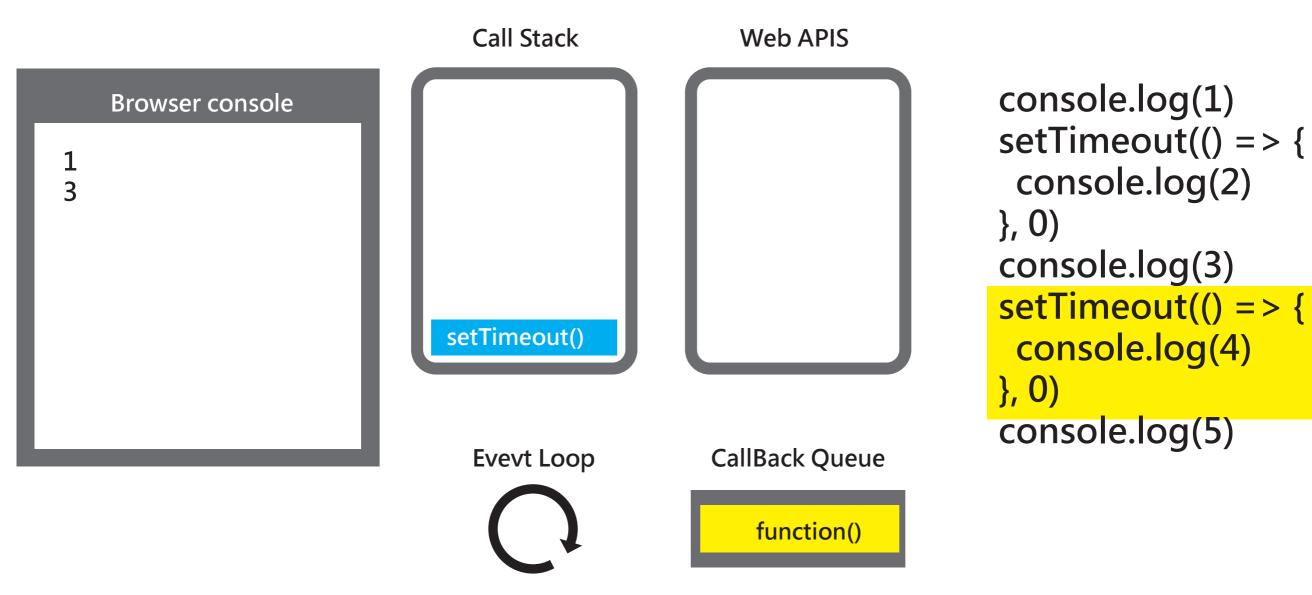
# 9. console.log(3) 執行完被移除出 Call Stack



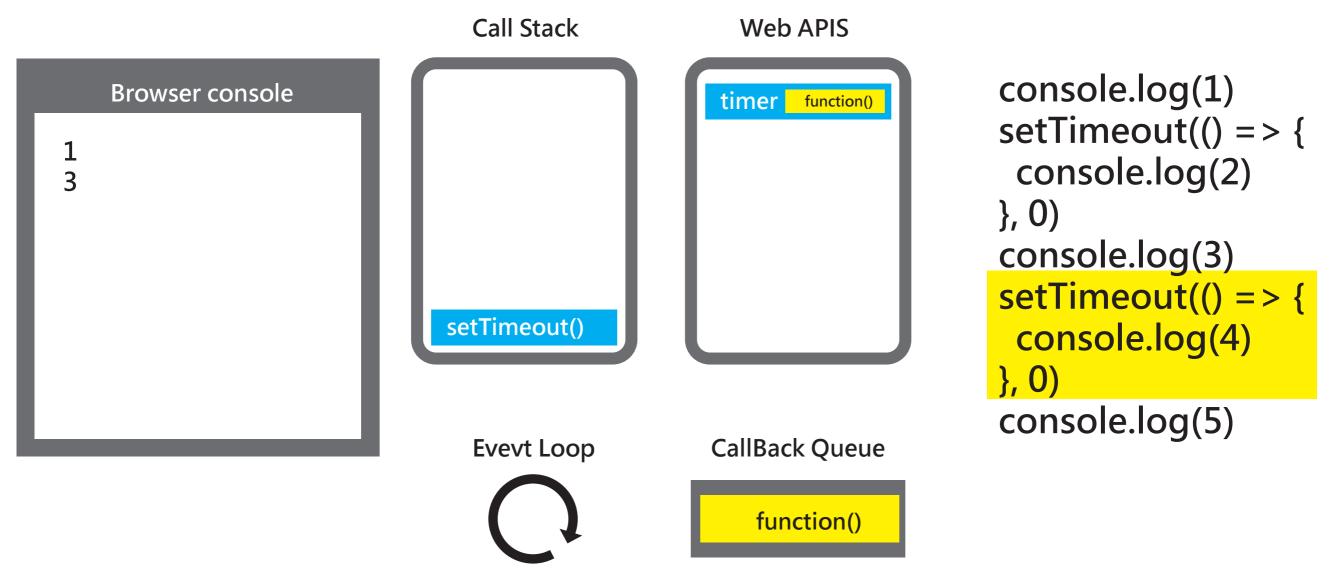
# 10. 至少 0ms後,定時器執行完成,此時它會將 function() 加入到 CallBack Queue



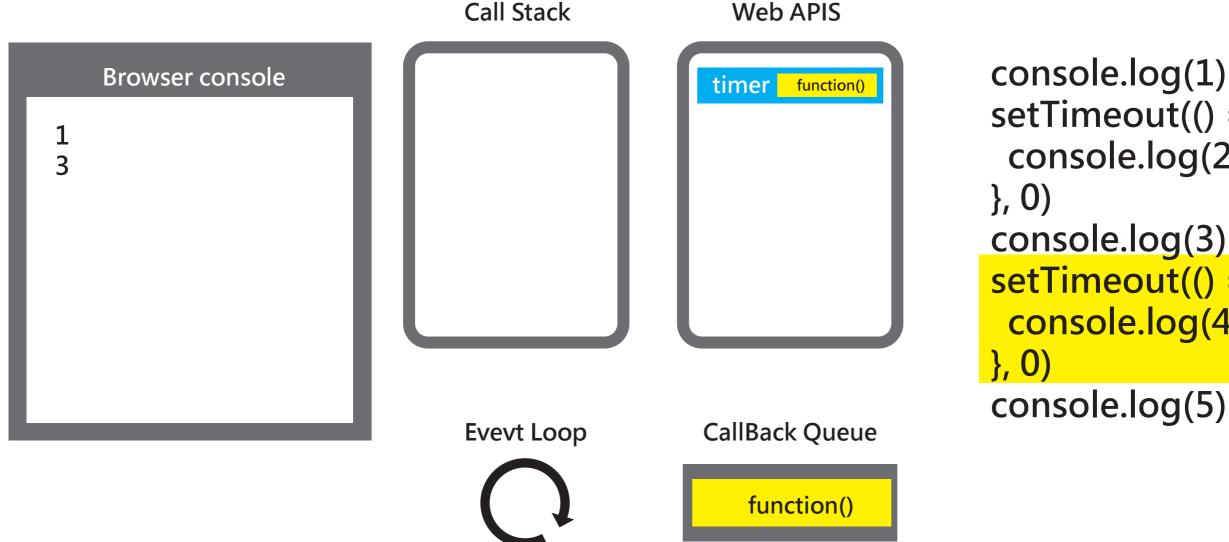
# 11. 新增 setTimeout(() => { console.log(4)}, 0) 至 Call Stack



12. setTimeout(() => { console.log(4)}, 0)被執行,瀏覽器會根據 web API 建立一個定時器

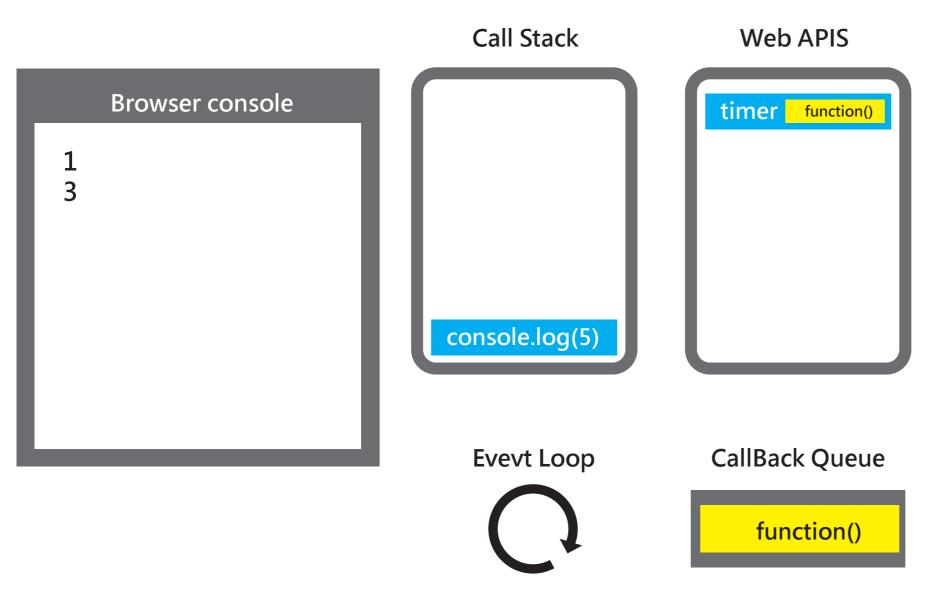


#### 13. setTimeout(() { ... }) 執行完被移除出 Call Stack

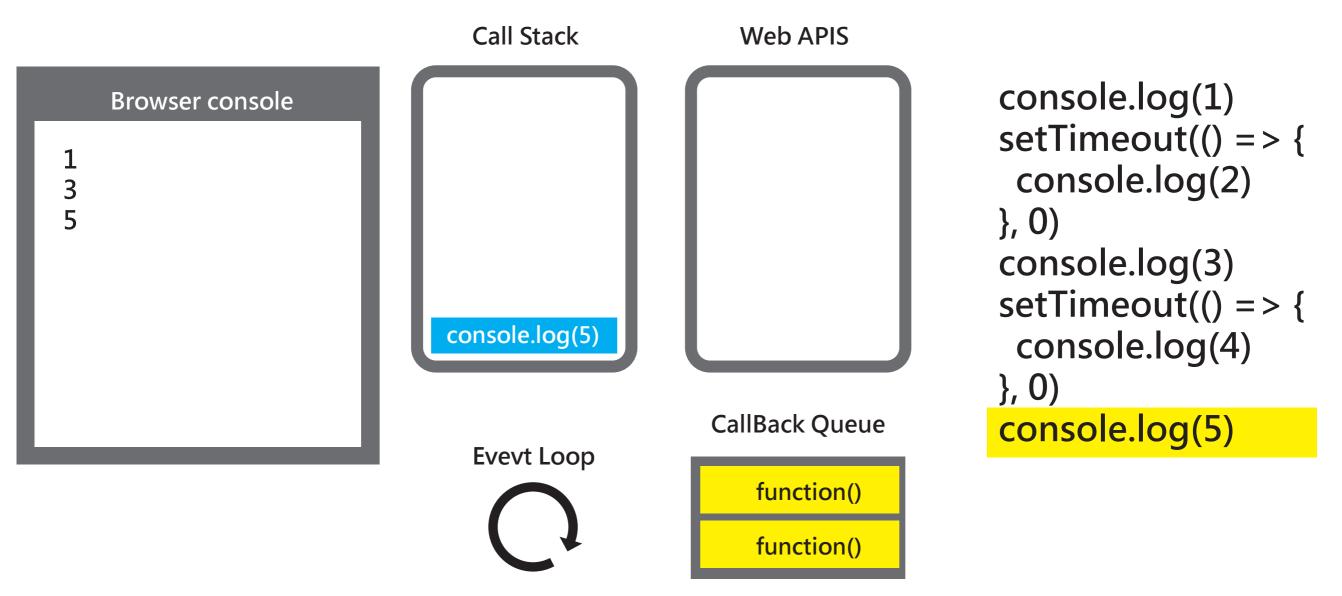


```
console.log(1)
setTimeout(() => {
 console.log(2)
console.log(3)
setTimeout(() => {
 console.log(4)
```

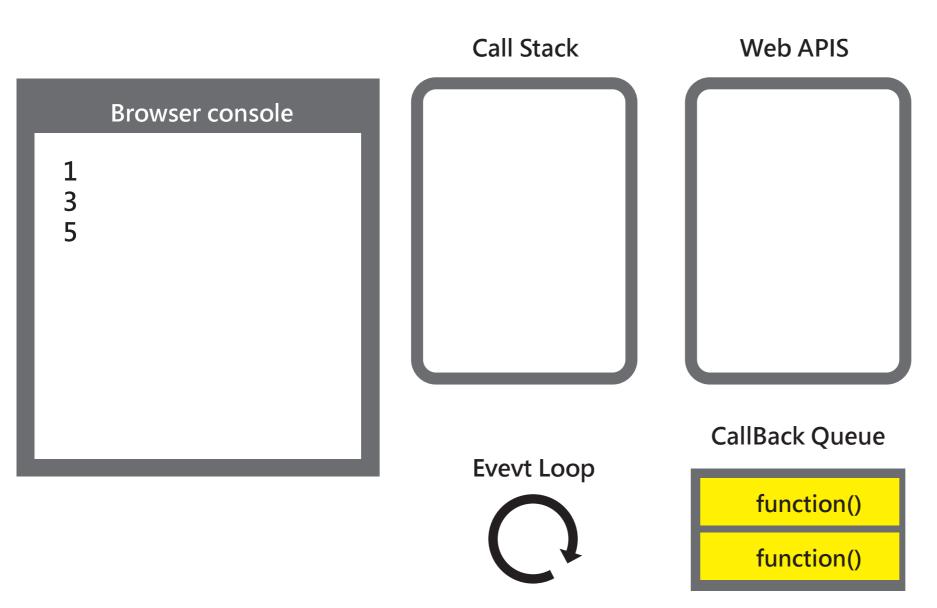
# 14. 新增 console.log(5) 至 Call Stack



```
console.log(1)
setTimeout(() => {
 console.log(2)
}, 0)
console.log(3)
setTimeout(() => {
 console.log(4)
}, 0)
console.log(5)
```

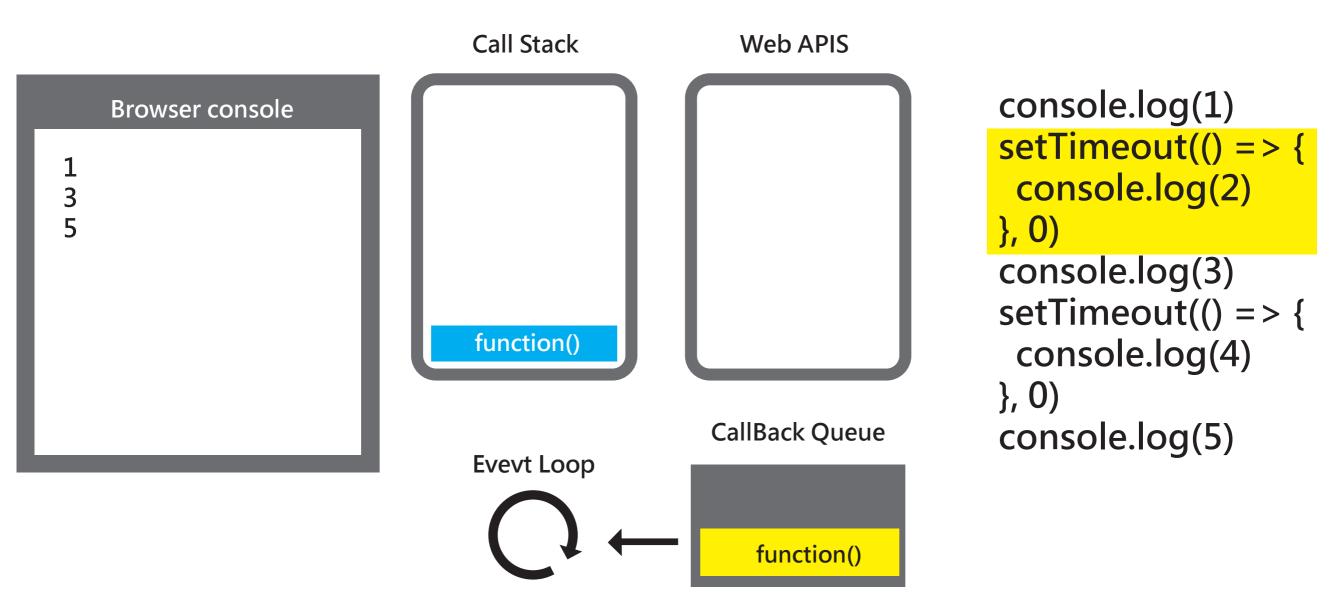


# 16. console.log(5) 執行完被移除出 Call Stack

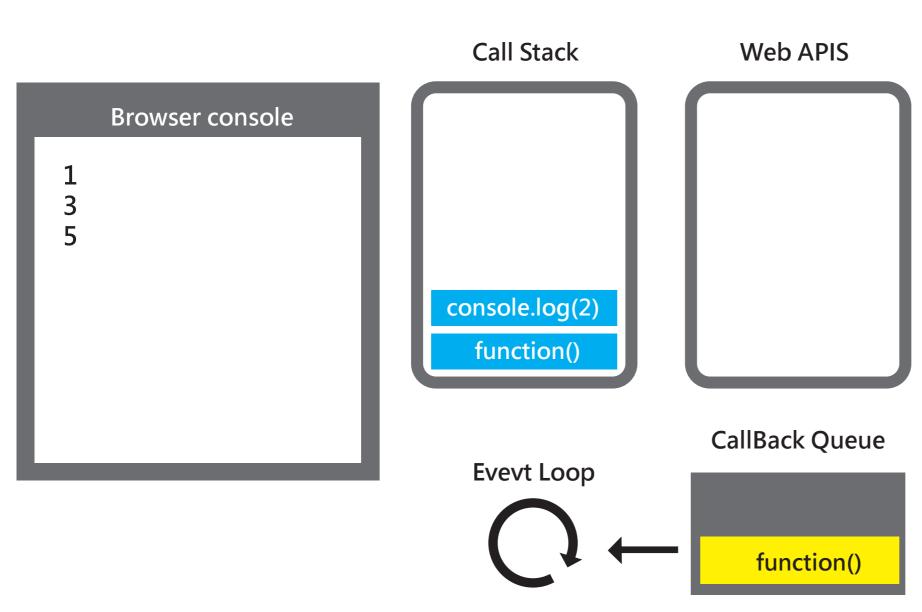


```
console.log(1)
setTimeout(() => {
 console.log(2)
}, 0)
console.log(3)
setTimeout(() => {
 console.log(4)
console.log(5)
```

17. Evevt Loop 檢測到此時 Call Stack 為空,將 setTimeout(() => { console.log(2)}, 0) 取出壓入到 Call Stack 中

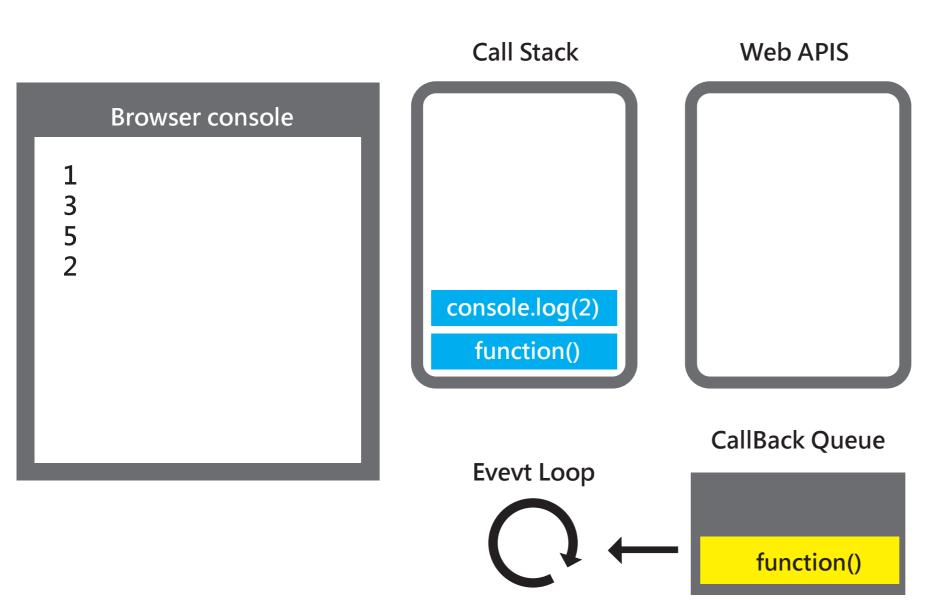


#### 18. function 被執行,console.log(2)被壓入Call Stack



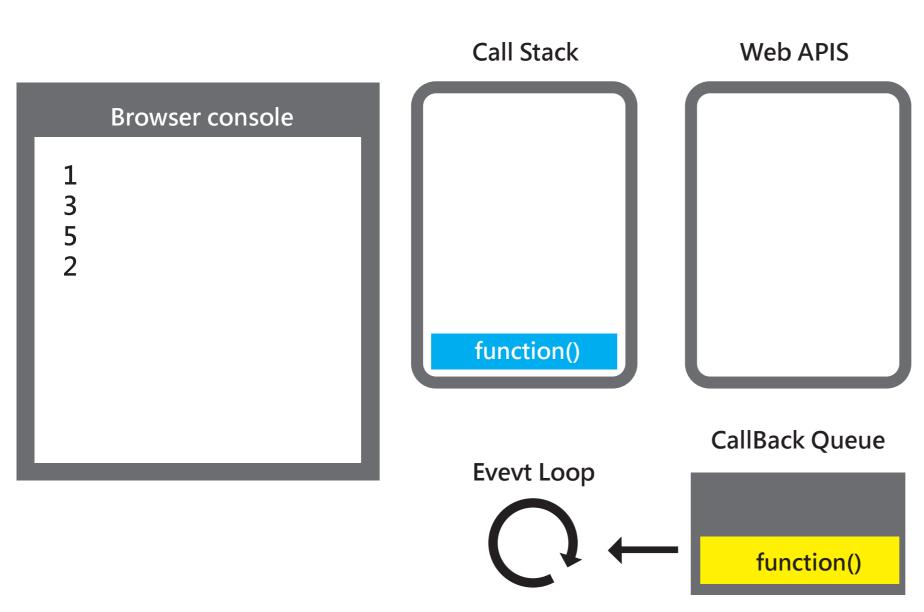
```
console.log(1)
setTimeout(() => {
console.log(2)
console.log(3)
setTimeout(() => {
 console.log(4)
}, 0)
console.log(5)
```

# 19. console.log(2)被執行



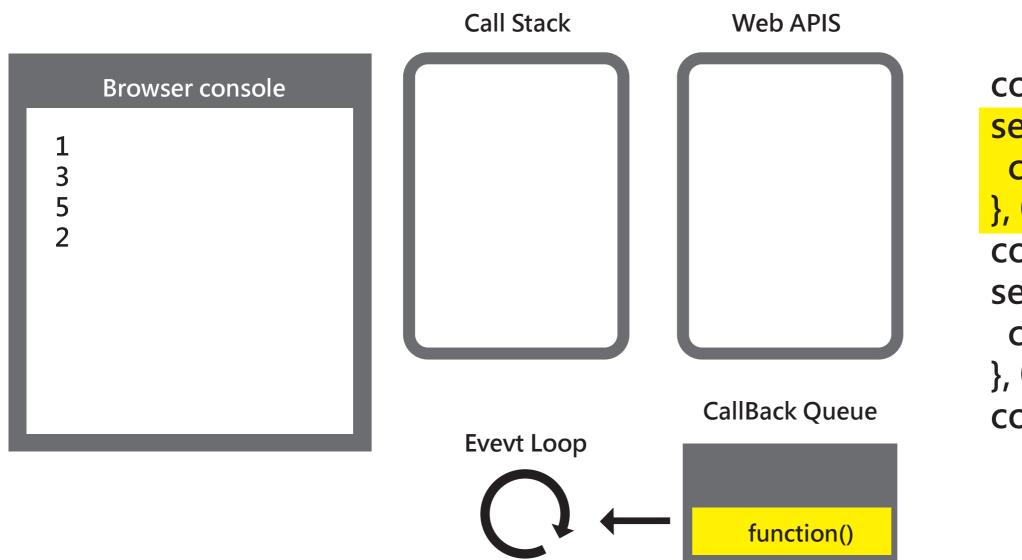
```
console.log(1)
setTimeout(() => {
console.log(2)
console.log(3)
setTimeout(() => {
 console.log(4)
}, 0)
console.log(5)
```

# 20. console.log(2) 執行完被移除出 Call Stack



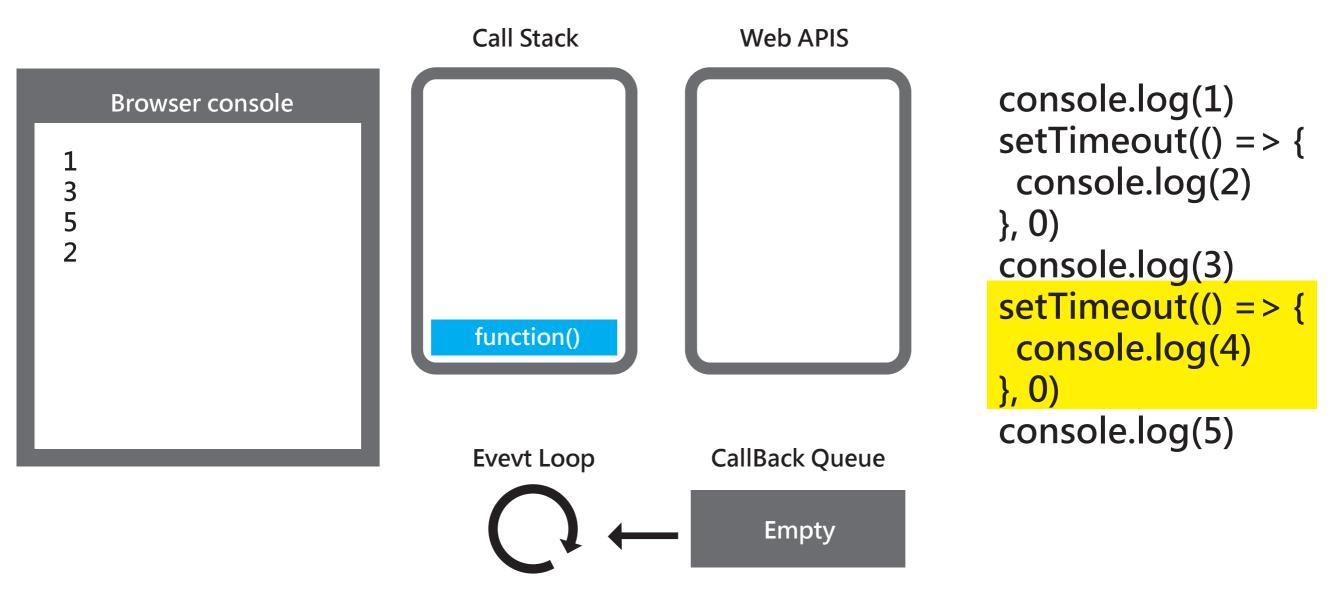
```
console.log(1)
setTimeout(() => {
 console.log(2)
}, 0)
console.log(3)
setTimeout(() => {
 console.log(4)
}, 0)
console.log(5)
```

#### 21. function() 執行完被移除出 Call Stack

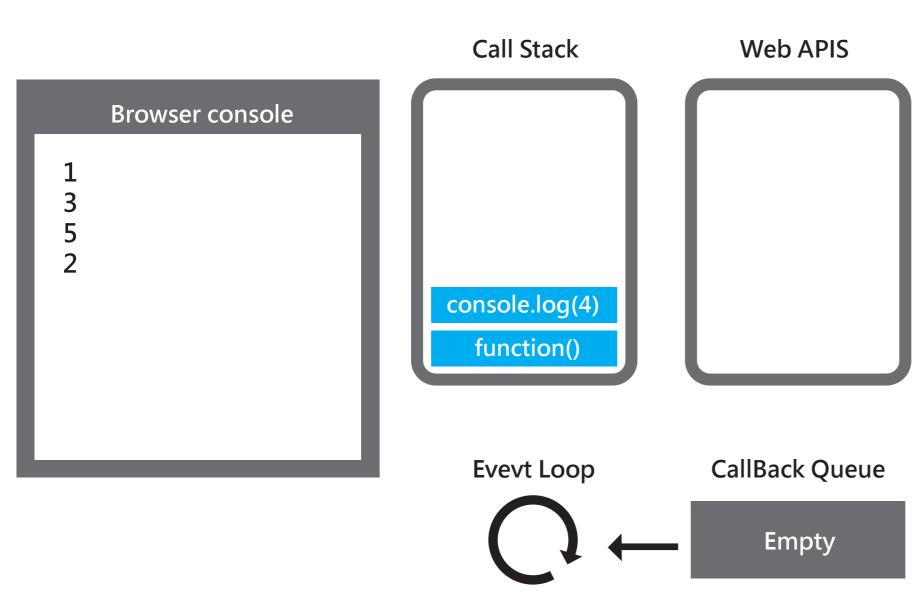


```
console.log(1)
setTimeout(() => {
 console.log(2)
console.log(3)
setTimeout(() => {
 console.log(4)
}, 0)
console.log(5)
```

# 22. Evevt Loop 檢測到此時 Call Stack 為空,將 setTimeout(() => { console.log(4)}, 0) 取出壓入到 Call Stack 中

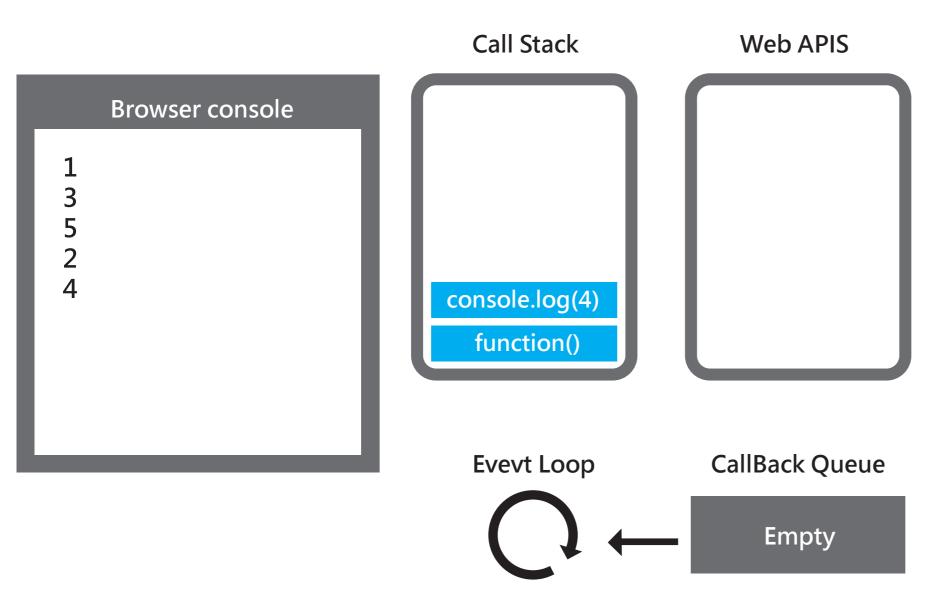


# 24. function 被執行,console.log(4)被壓入Call Stack



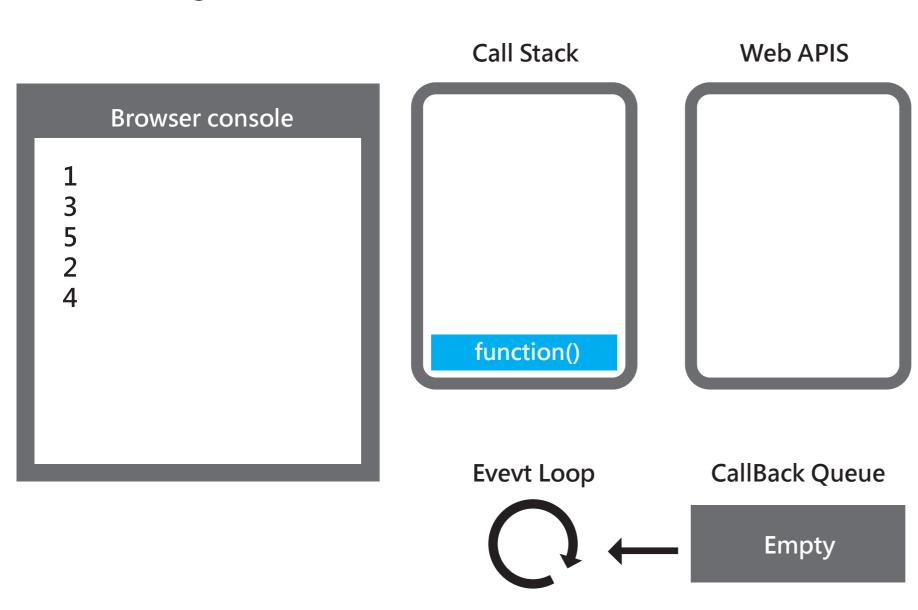
```
console.log(1)
setTimeout(() => {
 console.log(2)
}, 0)
console.log(3)
setTimeout(() => {
 console.log(4)
}, 0)
console.log(5)
```

#### 25. console.log(4)被執行



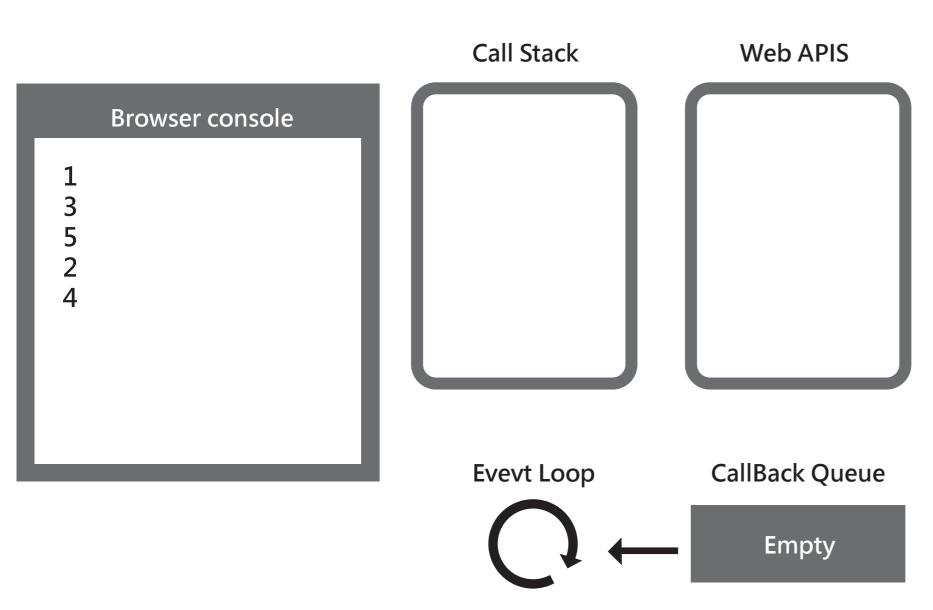
```
console.log(1)
setTimeout(() => {
 console.log(2)
}, 0)
console.log(3)
setTimeout(() => {
 console.log(4)
}, 0)
console.log(5)
```

#### 26. console.log(4) 執行完被移除出 Call Stack



```
console.log(1)
setTimeout(() => {
 console.log(2)
}, 0)
console.log(3)
setTimeout(() => {
 console.log(4)
}, 0)
console.log(5)
```

#### 27. function() 執行完被移除出 Call Stack



```
console.log(1)
setTimeout(() => {
 console.log(2)
}, 0)
console.log(3)
setTimeout(() => {
 console.log(4)
console.log(5)
```