

1. setInterval

Purpose: Repeatedly executes a function at specified intervals.

Syntax: `setInterval(callback, interval, [arg1, arg2, ...])`

callback: The function to be executed repeatedly.

interval: The number of milliseconds between each execution of the function.

arg1, arg2, ...: Optional arguments that are passed to the callback function

Example:

```
const intervalId = setInterval(() => {  
  console.log("This will run every 1 second");  
}, 1000);
```

In this example, the message will be logged to the console every 1 second.

To stop the interval, you can use `clearInterval`:

```
clearInterval(intervalId);
```

2. setTimeout

Purpose: Executes a function once after a specified delay.

Syntax: `setTimeout(callback, delay, [arg1, arg2, ...])`

callback: The function to be executed.

delay: The number of milliseconds to wait before executing the function.

arg1, arg2, ...: Optional arguments that are passed to the callback function.

Example:

```
const timeoutId = setTimeout(() => {  
  console.log("This will run after 2 seconds");  
}, 2000);
```

In this example, the message will be logged to the console after a 2-second delay.

To stop the timeout, you can use **clearTimeout**:

```
clearTimeout(timeoutId);
```