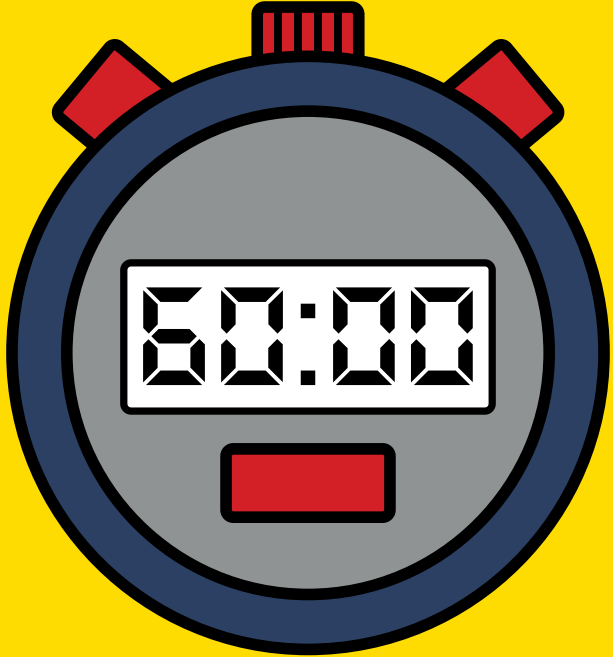
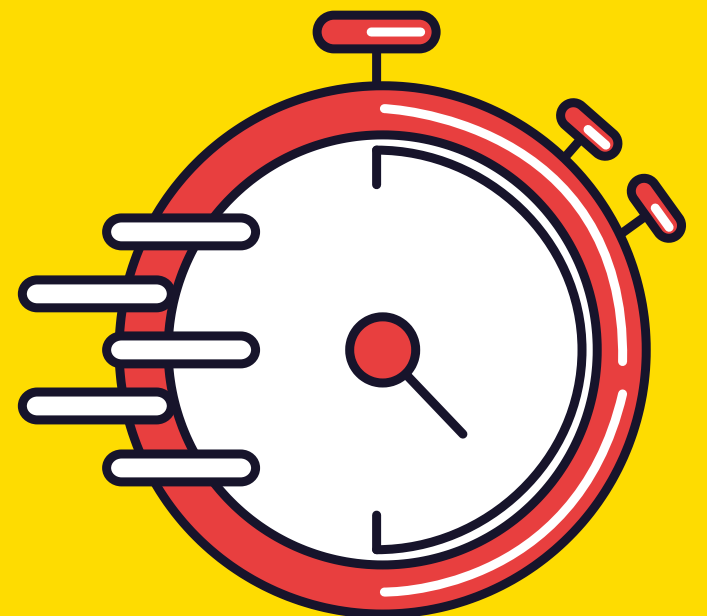


setTimeout



setInterval



in JavaScript

[Don't Miss It]

www.scribbler.live



setTimeout

- Executes a function once after a specified delay.

```
JS

setTimeout(function, delay);
```

```
JS

setTimeout(() => {
  console.log('This message appears after 3 seconds');
}, 3000);
// Executes after 3000 milliseconds (3 seconds)
```

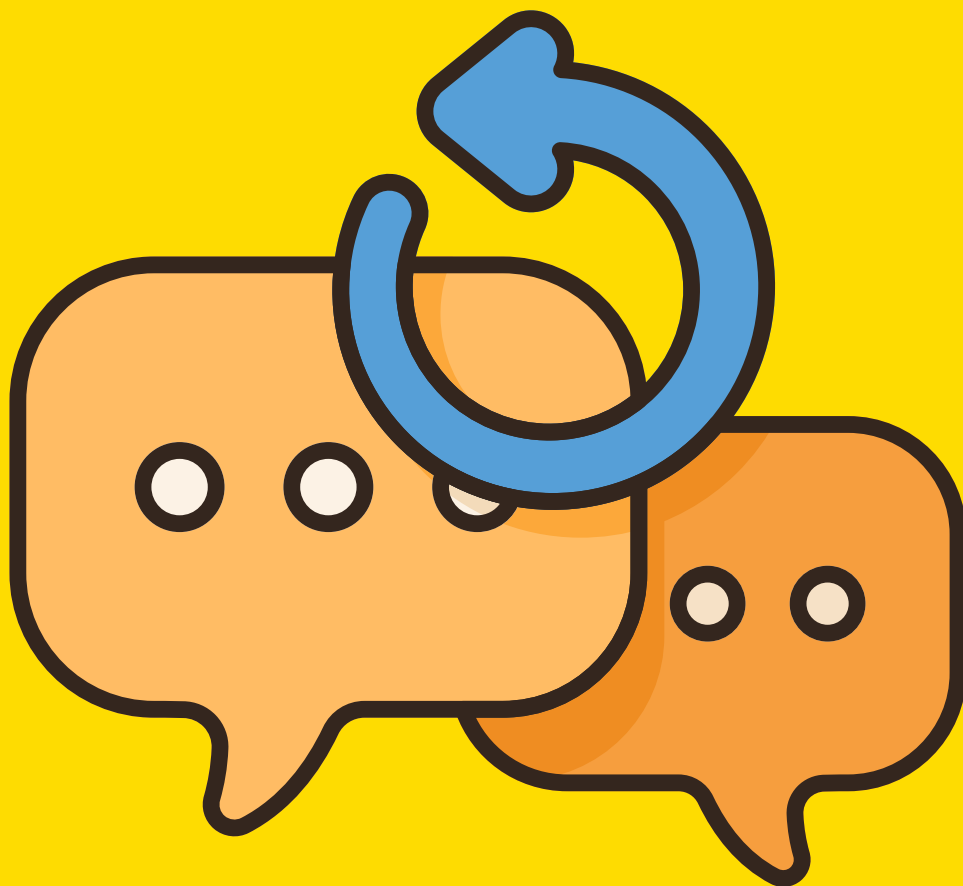


setInterval

- Executes a function repeatedly at specified intervals.

```
setInterval(function, interval);
```

```
setInterval(() => {  
  console.log('This message appears every 2 seconds');  
}, 2000);  
// Executes every 2000 milliseconds (2 seconds)
```



Use Case

- `setTimeout()` - When you want to delay the execution of a function or perform an action after a specific time.



- `setInterval()` - When you want to perform an action repeatedly, such as updating a clock or checking for new messages.

Practical Usage

Using setTimeout

```
const timeoutID = setTimeout(() => {  
  console.log('One-time delayed message');  
}, 5000);  
  
// Clear the timeout if needed  
clearTimeout(timeoutID);
```



Practical Usage

Using setInterval

```
const intervalID = setInterval(() => {  
  console.log('Repeated message every 3 seconds');  
}, 3000);  
  
// Clear the interval if needed  
clearInterval(intervalID);
```

Note - Be cautious with setInterval as it can lead to performance issues if the interval is too short or if the function it calls is resource-intensive.



Keep Exploring Javascript with us!

Share this with a friend who needs it and
make sure to practice these in scribbler.



Scribbler.live

Free and Open Interface to
experiment JavaScript