



setTimeout(): in JavaScript.

[No More Confusions.]

JS



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What is setTimeout()

The `setTimeout()` method executes a **block of code** after the **specified time**. The **method** executes the code **only once**.

Syntax

A function containing a block of code

```
setTimeout(function, milliseconds);
```

The time after which the function is executed

If you need repeated executions, use `setInterval()` instead.

Example →



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Example ~ 1.

```
function greet() {  
  console.log('Tis will be shown after 3 seconds.');
```

The message above will be shown after 3000ms (3sec)

```
}  
  
setTimeout(greet, 3000);  
console.log('This will be shown first.');
```

Output

- This will be shown first.
- Tis will be shown after 3 seconds.



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Example ~ 2.

```
function showTime() {  
  let dateTime= new Date();  
  let time = dateTime.toLocaleTimeString();  
  console.log(time)  
  setTimeout(showTime, 3000);  
}  
showTime();
```

return new date & time.

return the current local time.

Calling the function.

Display the time after 3 seconds.

Program to display time every 3 seconds.

Output

```
5:45:39 PM  
5:45:43 PM  
5:45:47 PM  
5:45:50 PM
```



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