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Ques1. What is setInterval() and setTimeout() methods in JavaScript?

Ans: This process of executing a function at a particular time in the future or after a period of time is referred to as scheduling a call. There are **two methods** of scheduling a call in Javascript:

- setTimeout() in javascript
- setInterval() in javascript

SetTimeout() Method

The setTimeout Javascript method is used to call a function after a certain period of time. The time after which the function will be called is given by the user in milliseconds.

Syntax: let timerID = setTimeout(func, delay)

setInterval() Method

The **setInterval** Javascript method is used to call a function repeatedly at a specified interval of time. This time interval at which the function will be called is provided by the user in milliseconds.

Syntax: let intervalID = setInterval(func, delay)

Ques5. Await and Async keywords in JS.

Ans: *"async and await make promises easier to write"*

async makes a function return a Promise

await makes a function wait for a Promise

Async Syntax

The keyword async before a function makes the function return a promise:

Example

```
async function myFunction() {  
  return "Hello";  
}
```

Is the same as:

```
function myFunction() {  
  return Promise.resolve("Hello");  
}
```

Await Syntax

The await keyword can only be used inside an async function.

The await keyword makes the function pause the execution and wait for a resolved promise before it continues:

```
let value = await promise;
```

```
async function myDisplay() {  
  let myPromise = new Promise(function(resolve, reject) {  
    resolve("I love You !!");  
  });
```