

Callback functions

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- ✉ you can pass callback function as argument to another function execution; the function receiving the callback will execute callback at some point during its executions (often at the end or after asynchronous operation is done).

Example:

```
Function mainfunction(callback){  
  Console.log("executing main function")  
  Callaback()  
}  
Function callbackFunction(){  
  Console.log("callback function executing");  
}  
mainFunction(callbackFunction)
```

Mainfunction takes a callback as parameter
Callback function passed to mainfunction inside
mainfunction(), callback function is called is callback().

Example2:

```

<script>
  function greeting(name,callback){
    document.write("hi!!!" +name);
    callback();
  }
  greeting("Raviteja.",function(){
    document.write("You are very good in coding.");
  })
</script>

```

Output:

hi!!!Raviteja.You are very good in coding

Example3:

```

<script>
  function greeting(name,callback){
    document.write(`Hello, ${name}!`);
    callback();
  }
  function sayGoodBye(){
    document.write('Good Bye');
  }
  greeting("Raviteja",sayGoodBye)
</script>

```

Output:

Hello Raviteja , Good bye.

Example4:

```
<script>
  function fetchData(callback) {
    console.log("Fetching data...");

    setTimeout(function () {
      console.log("Data fetched...");
      callback();
    }, 2000);
  }

  function processData() {
    console.log("Processing the fetched data...");
  }

  fetchData(processData);
</script>
```

Output:

Fetching data

Processing the fetched data

Data fetched