**Javascript:**

**1.** **Difference between Implicit and Explicit coercion:**

|  |  |
| --- | --- |
| **Implicit coercion** | **Explicit coercion** |
| 1. In implicit coercion, JavaScript automatically converts one data type to another. | 1. In explicit conversion, the programmer automatically converts one data type to another. |
| 2. console.log(1 + “2”);          // 12 console.log(1 \* ‘2’);              //2 | 2. console.log(Number(‘2’));             //2 console.log(String(2));                //”2″ |

# **2.** **Difference between Regular functions and Arrow functions**

**1.** **Syntax:**[Regular function](https://www.geeksforgeeks.org/functions-in-javascript/).

  let square = **function**(x){

**return** (x\*x);//81

    };

    console.log(square(9));

**var** square = (x) => {

**return** (x\*x);

    };

    console.log(square(9));

**2.** **Use of**[**this keyword**](https://www.geeksforgeeks.org/this-in-javascript/)**:**Unlike **regular functions**, arrow functions do not have their own **this**.

let user = {

        name: "GFG",

        gfg1:() => {

            console.log("hello " + **this**.name); // no 'this' binding here

        },

        gfg2(){

            console.log("Welcome to " + **this**.name); // 'this' binding works here

        }

    };

    user.gfg1();//hello

    user.gfg2();// Welcome to GFG

**Availability of arguments objects:**Arguments objects are not available in arrow functions, but are available in regular functions. Example using **regular** ():

* javascript

|  |
| --- |
|  |

let user = {

        show(){

            console.log(arguments);

        }

    };

    user.show(1, 2, 3);

let user = {

            show\_ar : () => {

            console.log(...arguments);//Refrance Error arguments is not defined

        }

    };

    user.show\_ar(1, 2, 3);

**JavaScript Array Methods**

Below is the **JavaScript Array Methods list**, covering all important array methods and properties in JavaScript with examples.

**JavaScript Array Methods List**

* [JavaScript Array length](https://www.geeksforgeeks.org/javascript-array-methods/#method-1-javascript-array-length)
* [JavaScript Array toString() Method](https://www.geeksforgeeks.org/javascript-array-methods/" \l "method-2-javascript-array-tostring-method" \t "_blank)
* [JavaScript Array join() Method](https://www.geeksforgeeks.org/javascript-array-methods/#method-3-javascript-array-join-method)
* [JavaScript Array delete Method](https://www.geeksforgeeks.org/javascript-array-methods/#method-4-javascript-array-delete-method)
* [JavaScript Array concat() Method](https://www.geeksforgeeks.org/javascript-array-methods/#method-5-javascript-array-concat-method)
* [JavaScript Array flat() Method](https://www.geeksforgeeks.org/javascript-array-methods/#method-6-javascript-array-flat-method)
* [Javascript Array.push() Method](https://www.geeksforgeeks.org/javascript-array-methods/#method-7-javascript-arraypush-method)
* [Javascript Array.unshift() Method](https://www.geeksforgeeks.org/javascript-array-methods/#method-8-javascript-arrayunshift-method)
* [JavaScript Array.pop() Method](https://www.geeksforgeeks.org/javascript-array-methods/#method-9-javascript-arraypop-method)
* [JavaScript Array.shift() Method](https://www.geeksforgeeks.org/javascript-array-methods/#method-10-javascript-arrayshift-method)
* [JavaScript Array.splice() Method](https://www.geeksforgeeks.org/javascript-array-methods/#method-11-javascript-arraysplice-method)
* [JavaScript Array.slice() Method](https://www.geeksforgeeks.org/javascript-array-methods/#method-12-javascript-arrayslice-method)
* [JavaScript Array some() Method](https://www.geeksforgeeks.org/javascript-array-methods/#method-13-javascript-array-some-method)
* [JavaScript Array reduce() Method](https://www.geeksforgeeks.org/javascript-array-methods/#method-14-javascript-array-reduce-method)
* [JavaScript Array map() Method](https://www.geeksforgeeks.org/javascript-array-methods/#method-15-javascript-array-map-method)
* [Array Methods Summary](https://www.geeksforgeeks.org/javascript-array-methods/#array-methods-summary)