

Javascript -----

Data types in JS = number, string, boolean, undefined, object ,function

Functions

1	Function is a data type in JS
2	We can assign a function to a variable <pre>function test() {} let x = test</pre>
3	We can return function as a value from another function <pre>function test() { function f1() {-----} return f1 } let x = test() x() // calling f1</pre>
4	Rest parameters to functions = variable number of args can be passed to a function ---- caller can pass any number of args --- rest param is internally considered as array --- rest param can be only single rest param for a function that too at the end of the parameter list <pre>Function test(a,b,restparam) { Console.log(restparam[1]) }</pre>
5	Default parameters to functions = function parameters can be assigned default values. So the default values are optional for caller <pre>function test(num, exp=3) { }</pre> <p>test(2) //exp is not passed but default val will be used</p>
6	How to pass a function to a function <pre>function test() {.....}</pre> <p>greet(test) //passing named function greet(function () { -----}) //passing anonymous function</p>

	<pre>let y = function() {.....} greet(y) //passing function variable</pre>
7	<p>Lamda function = FAT ARROW NOTATION = this is a shorthand way of writing a function</p> <pre>function test(a,b) { return a+b =====> }</pre> <p>(a,b)=>{return a+b } }}}Lamda function</p> <p>(a,b)=> a+b }} Lamda function</p>
Array Functions that need callback functions as parameter	Foreach, map , filter

EPOCH time	time in milli seconds since the ASSUMED start time
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