Aboa 4 5

Adding Elements

Adding flements at the end of an array.
Using push () we can add elements at the end Good of an array

Chample

Const numbers = [3,4];

numbers. push (5,6)

Console. log (numbers).

Desult: [3,4,5,6]

· Adding beginning of an array we use

Columple .

numbers. Unshiff (1,2).

roesult: [1,2,34,5,6]

. To add plements at any position and deleting elements from array (strong use stroplice ()

Coxample: Indestrumble leters elevier

numbers. Splice (2,0,'a',b')

result: [1, 2, a" a", b", 3,4,5,6]

Finding Elements
In promitive type
(Using the Index of () we can it ind the
position (Index number) of a given number in an
position (Index number) of available it works, in
a cxample:

(onst numbers = [1, 2, 3, 1, 4]. [1, 4, 3, 1, 4].

Consolerion (numbers: last index of (1)).

Consolerion (numbers: last index of (1)).

Included) is used.

estample:

(on sole log (numbers, includes (1));

gesuit: + rue

Second parameters of all these index are from index. from their they start to Search.

to Search.

Console. log (numbers. indexoff(1,a));

The Find () method between the value of the first element in the array that saisfies the Provided lesting function. Otherwise undefined its returned.

Sympk (19)

(onst loussest [{ 1d:1, name: 'a' })

Const loursse = loursses, find (function (course) {

Between loursses, louisse. name ==== 'a';

3);

(on sole. 108 ((our se);

result: (id: 1) name: "a"3

Ose Esant modes Principalinder 1) to seturn the

Code Shorter wound than Call back function. Czampic: Arrow twelver is when to make the Const Courses = IT (d.1) name: of 3 Const course: Courses. find (course > (outern) (idia) name: b'3 COURTINAME # 111 (Q')

Kemoving Flenents Const numbers = [1,2,3,4];

Removing elemente from end of an array.

Pop ();

Escumple:

Desult: [1,2,3] (onst last = numbers. Popl). (on Sole. log (numbers); (onsok. log (lest);

> . Removing element from the begining of an C) 13145 asa A nose of

(oust first - numbers. shift 1). Console. log (frost);

Removing element from any Position of an array use splice ()

result: [2,3]

Corst loss Coasoler to A (sale hombos. Splice

·) numbers. splice (a, 1); (onsole. log(numbers);

Besult: [1, 2, 4]

·) numbers : splite (2,2); (on sole log (numbers).

result: [1,2]

Emptying an Array Deleting all the elements from an array. let numbers = [1,2,3,4]; Let another = numbers.

numbers = [];

Solution 2

numbers. length = 0;

Solution 3

Solutions while (numbers, length >0)

numbers. Splice (a, numbers. length)

NUMBERS POP();

Combining and slicing Aranys

Coust Frost = [1, 1, 3]; Const Selond = [4, 5,6];

Combinating

(orst combined - First (on (at (second))

Sicis Sicis

Const slice = Combined. Slice (2,4);

(onst slice = (ombined. Slice(1);

in actionence type

Const frost = [& id : 1, name= la '3,];

Const Second: [4,5,6];

Constit combined = fixst, Contat (second);

The Spoend Operator

Const Frost = [1,2,3]

Const second = [4,5,6]; (onst combined: [... lirst, a',... second, b], 505017: [1, 2, 3, a, 4,5,6, b]

const lopy = [... (ombined];

Console. 100 (Copy) Tesult: [1,2,3,a,4,5,6,6]

Herating an Army

Const numbers = [1,2,3];

(i) for (number is of numbers)

Console. log (number)

(2). Number's (1). For Bach (Bunchion (number) { Console, 108 (number);

(3) | Numbros. Fre Each (Number => Console. log(Nay) In for each loop index possameter is optional numbers. Low for Each ((number & Index)) (onsole. log (index, number)). Tolvind Yerran CHample: Const numbers = [1,2,3]; CONST Doined = Numbers. Loin(','); Console. (og (soined). Desoit: 1,2,3 Const me crage = 'This is my first messige' · Const. Parts= message. Split ('); Console. log (parts); (onst (omb = parts. Din ('-'); Console . log(comb); regult: This-1's-my first-message

Sorting Array Const Numbers = [3,1,2]; numbers. South); Console. log (numbers); Desuit : [1,2,3] numbers. Deverse (); (onsole. log (numbers); Desoit: [3,2,1] Sooting Objects in an array (onst numbers (ourses = [] id: 1, name: Node'] (id: 2, name: Javascript) (ourses. Sol (function (a, b)) { Const Name A: a. Charge name. to Upper (ase(); Const Name B= b. name. foupper (ase 1); if (Name A < Name B) return -1; If (Name A > Name B) server 1; setuen of

(cossee.log (acourses);

Testing the Elements of an Aspay

Const numbers = [1,2,3,4,5].

Const all positive = Dunnars. every (Finetion (M) { zetran value >=0,3); Console . 108 (all positive);

Jesult: True

Const numbers: [1, 2, -1, 3, 4,5];

(unst atleast One Positive = numbers. Some (fontion (volu) (Beturn value >=0,3);

Console: log (attent One Positive).

SCSUIT: True

tiltering on Agray

Corst numbers = [1, 2, -3, 4, 5]

(onst filkered = numbers. filter (

Console. log (Filtracd);

Value >> betan value >=0)

Mapina

Mapping on Array

Corst numbers = [1,2,63,4,5];

Const item = numbers. Map (Value => Zsi > + Value+ ` (, C187) ;

Const Have - item. Join (')

Console log (html);

(= st html = \ Zusy + ikm. voin() + , CM87,