

Filter Long Words

Enter words separated by commas to filter and display only those with more than 5 letters.

Enter words (comma separated):

apple, banana, cherry, date, elderberry, fig, grape

FILTER WORDS

Original Words

apple 5

banana 6

cherry 6

date 4

elderberry 10

fig 3

grape 5

7 words

Avg. length: 5.6

Filtered Words (>5 letters)

banana 6

cherry 6

elderberry 10

3 words

Avg. length: 7.3

Unique Numbers with Set

Enter numbers separated by commas to see how Set removes duplicates and returns only unique values.

Enter numbers (comma separated):

1,3,3,5,5,6,6,6,3

GET UNIQUE NUMBERS

Original Array



Unique Numbers



Student Scores with Map

Search for a student by name to retrieve their score from our Map collection.

Current Students

Alice

Score: 85

Bob

Score: 92

Charlie

Score: 78

Diana

Score: 88

Ethan

Score: 95

SEARCH

Search Result

Student: **Alice**

85

Spread Operator

Enter three objects in JSON format to see how the spread operator merges them into one new object.

Object 1

```
{"a": 1, "b": 2}
```

Object 2

```
{"c": 3, "d": 4}
```

Object 3

```
{"e": 5, "f": 6}
```

MERGE OBJECTS

Merged Object Result

```
{}
```

Function vs Arrow Function

Enter a list of numbers separated by commas to see both traditional and arrow functions in action, squaring each number.

Enter numbers (comma separated):

1,2,3,4,5,6

CALCULATE SQUARES

Traditional Function Result

[1,4,9,16,25,36]

Arrow Function Result

[1,4,9,16,25,36]

Word Finder

Check if a word exists in a sentence using the includes() method

Enter a sentence:

JavaScript is a programming language

Word to find:

Python

Example 1

Example 2

Example 3

CHECK FOR WORD

JavaScript is a programming language

Word Not Found

Word Finder

Check if a word exists in a sentence using the includes() method

Enter a sentence:

Hello world, welcome to the universe

Word to find:

world

Example 1

Example 2

Example 3

CHECK FOR WORD

Hello world, welcome to the universe

Word Found!

Word Finder

Check if a word exists in a sentence using the includes() method

Enter a sentence:

The quick brown fox jumps over the lazy dog

Word to find:

fox

Example 1

Example 2

Example 3

CHECK FOR WORD

The quick brown fox jumps over the lazy dog

Word Found!

Array Type Checker

Enter any JavaScript value to check if it's an array using Array.isArray()

JavaScript Value:

null

Array

String

Number

Object

Boolean

Null

CHECK IF ARRAY

Result:

null

False

Array Type Checker

Enter any JavaScript value to check if it's an array using Array.isArray()

JavaScript Value:

true

Array

String

Number

Object

Boolean

Null

CHECK IF ARRAY

Result:

true

False

Array Type Checker

Enter any JavaScript value to check if it's an array using Array.isArray()

JavaScript Value:

```
{a: 1}
```

Array

String

Number

Object

Boolean

Null

CHECK IF ARRAY

Result:

```
{a: 1}
```

False

Array Type Checker

Enter any JavaScript value to check if it's an array using Array.isArray()

JavaScript Value:

42

Array

String

Number

Object

Boolean

Null

CHECK IF ARRAY

Result:

42

False

Array Type Checker

Enter any JavaScript value to check if it's an array using Array.isArray()

JavaScript Value:

"hi"

Array

String

Number

Object

Boolean

Null

CHECK IF ARRAY

Result:

"hi"

False

Array Type Checker

Enter any JavaScript value to check if it's an array using Array.isArray()

JavaScript Value:

[1, 2, 3]

Array

String

Number

Object

Boolean

Null

CHECK IF ARRAY

Result:

[1, 2, 3]

True

Array Product Calculator

Enter numbers separated by commas to calculate the product of all numbers using `Array.reduce()`

Numbers (comma separated):

1, 2, 3, 4, 5, 6

CALCULATE PRODUCT

Calculation Process

1 × 2 × 3 × 4 × 5 × 6 =

720

Array Occurrence Finder

Find the first and last occurrence of an element in an array using `indexOf()` and `lastIndexOf()`

Array (comma separated):

1, 2, 3, 2, 4, 2, 5

Element to find:

4

FIND OCCURRENCES



Search Results

First occurrence at index: 4

Last occurrence at index: 4

Array Keys Explorer

Enter array items to see their indices using the Array.keys() method

Array Items (comma separated):

apple, banana, cherry

Fruits

Colors

Pets

Months

SHOW ARRAY KEYS

Indices

Values

0

â†’

apple

1

â†’

banana

2

â†’

cherry