

JAVASCRIPT CONCATENATION

JavaScript concatenation refers to the process of combining two or more strings together to create a single string. In JavaScript, you can concatenate strings using the '+' operator.

Example ;

```
let str1 = "good";  
let str2 = "morning";  
let combinedStr = str1 + " " + str2; // Output: "good morning"
```

In this example, the '+' operator is used to concatenate str1 and str2 along with a space between them, resulting in the combined string "Hello World".

Methods of Javascript Concatenation

1. Use of '+' operator ;

It involves using the '+' operator between strings or variables to combine them into a single string.

Example :

```
let x = "Hello";  
  
let y = "World";  
  
let combinedStr = x + " " + y;
```

Output: "Hello World"

2. Using the '+=' operator;

The '+=' operator is a shorthand notation for concatenating strings. It appends the right-hand side string to the left-hand side string and assigns the result back to the left-hand side variable.

Example ;

```
let morning = "Hello";
```

```
morning += " World";
```

```
console.log(morning);
```

Output: "Hello World"

3. Using Template Literals ('\${}')

Template literals, introduced in ECMAScript 6 (ES6), allow for more expressive string interpolation and multiline strings. You can embed expressions and variables directly into template literals using '\${}'

```
let name = "somto";
```

```
let greeting = `Hello, ${name}!`;
```

```
console.log(greeting); // Output: "Hello, somto!"
```

4. Array Join Method ;

If you have an array of strings that you want to concatenate with a delimiter, you can use the 'join()' method. This method joins all elements of an array into a single string with the specified delimiter between each element.

Example ;

```
let words = ["Hello", "World"];
```

```
let combinedStr = words.join(" ");
```

Output: "Hello World"

5. String Concat Method:

The 'concat()' method is another way to concatenate strings in JavaScript. It takes one or more arguments (strings) and returns a new string that is the concatenation of the original string(s) and the argument(s).

Example ;

```
let x = "Hello";
```

```
let y = "World";
```

```
let r = x.concat(" ", y);
```

```
console.log( r );
```

Output: "Hello World"

Other examples:

