



Front End Interview Questions and Answers



What is the difference between HTML elements and tags?

HTML elements communicate to the browser to render text.

When the elements are enclosed by brackets `<>`, they form HTML tags.

Most of the time, tags come in a pair and surround content.



How to create nested webpage in HTML?

The HTML `<iframe>` tag is used to display a nested webpage.

It represents a webpage within a webpage. It is also called as an inline frame.



What is CSS Pre-processor?

A CSS Preprocessor is a tool used to extend the basic functionality of the default Vanilla CSS through its own Scripting Language.

1. SCSS - Syntactically Awesome Style Sheet is the superset of CSS. SCSS is the more advanced version of CSS.

Due to its advanced features, it is often termed Sassy CSS. SCSS have file extension of .scss.

2. LESS is a CSS preprocessor that enables customizable, manageable, and reusable style sheets for websites.



LESS is a dynamic style sheet language that has the capability to extend CSS.

3. Stylus is a dynamic stylesheet preprocessor language compiled into Cascading Style Sheets(CSS).

Its design is influenced by Sass and LESS



How to fetch data from an API?

There are several different methods that you can use in Javascript. The most common way is to use the `fetch()` method.

This method accepts a URL as an input and returns the data that is located at that URL.

```
1  async function getData() {  
2      const response = await fetch('https://jsonplaceholder.typicode.com/users');  
3      const data = await response.json();  
4      console.log(data);  
5  }  
6  
7  getData();
```



Explain about Rest operator.

The Rest operator is denoted by three dots (...). It is used to make a new array or object from the remaining parts of an array or object.

Let's take an example

It will contain Book A

```
1  const books = ['Book A', 'Book B', 'Book C', 'Book D'];  
2  
3  const [firstBook, ...otherBooks] = books;
```

Rest operator, it will contain Book B, Book C, and Book D (Remaining Part)



Let's take the second example,

The Rest operator can also be used in functions to accept a variable number of arguments.

Here's an example of a function using the Rest operator:

You can pass different number of arguments

```
1  function sumAllNumbers(...numbers) {  
2    let sum = 0;  
3    for (const number of numbers) {  
4      sum += number;  
5    }  
6    return sum;  
7  }  
8  
9  const result = sumAllNumbers(1, 2, 3, 4, 5);  
10 console.log(result);  
11 // Output: 15
```

Passing 5 numbers

