1. In jQuery terminology, what is the difference between the “jQuery function” and the “jQuery object”?

Answer: In jQuery terminology, the "jQuery function" and the "jQuery object" refer to different things:

1. The jQuery function: This refers to the global jQuery() function that is used to select and manipulate DOM elements. It is also referred to as the "jQuery constructor" or "$" (which is an alias for the jQuery function).
2. The jQuery object: This refers to the object that is returned when you call the jQuery function. It is a collection of selected DOM elements that you can then manipulate using jQuery methods.

To summarize, the jQuery function is used to create a jQuery object by selecting DOM elements, while the jQuery object is the result of the jQuery function and represents the selected elements that can be manipulated using jQuery methods.

1. Write jQuery code to find all h1 elements that are children of a div element and make their background color red.

Sample HTML:

**abc**

**div-1**

**div-2**

**xyz**

Answer:

$('div > h1').css('background-color', 'red');

Explanation:

* The **$** symbol is used to select elements using jQuery.
* **div > h1** selects all **h1** elements that are children of a **div** element.
* **.css('background-color', 'red')** sets the background color of the selected elements to red.

So the above code will select both **h1** elements inside the **div** element ("div-1" and "div-2") and make their background color red.

3. Use a jQuery method to insert the text "YES!" at the end of the

element.

Is jQuery FUN or what?

Answer:

$('body').append('YES!');

Explanation:

* The **$** symbol is used to select elements using jQuery.
* **'body'** selects the **body** element of the HTML document.
* **.append('YES!')** appends the text "YES!" at the end of the selected element (which is the **body** element in this case).

So the above code will add the text "YES!" at the end of the **body** element in the HTML document.