

write a function to add the two number in js



Certainly! Here's a simple function in JavaScript to add two numbers:

```
javascript Copy code

function addTwoNumbers(a, b) {
    return a + b;
}

// Example usage:
const num1 = 5;
const num2 = 7;
const result = addTwoNumbers(num1, num2);
console.log(result); // Output will be 12
```

This function, `addTwoNumbers`, takes two parameters `a` and `b`, adds them together, and returns the result. The example usage shows how to call this function and output the result to the console.

Explain it



Sure! Let's break down the JavaScript function step by step:

Function Definition

```
javascript Copy code

function addTwoNumbers(a, b) {
    return a + b;
}
```

1. **Keyword `function`:** This keyword is used to declare a function in JavaScript.
2. **Function Name `addTwoNumbers`:** This is the name you give to the function. It should be descriptive of what the function does.
3. **Parameters `a` and `b`:** These are placeholders for the values that will be passed to the function when it is called. In this case, `a` and `b` represent the two numbers you want to add.
4. **Function Body `{ return a + b; }`:**
 - `{ ... }`: Curly braces define the body of the function. The code inside the braces will be executed when the function is called.
 - `return a + b;`: This line calculates the sum of `a` and `b`, and then returns the result. The `return` statement ends the function execution and specifies the value to be returned to the caller.

Example Usage

```
javascript Copy code

const num1 = 5;
const num2 = 7;
const result = addTwoNumbers(num1, num2);
console.log(result); // Output will be 12
```

1. **Variable Declarations `const num1 = 5; const num2 = 7;`:**

- `const num1 = 5;` declares a constant variable `num1` and assigns it the value `5`.
↓
- `const num2 = 7;` declares another constant variable `num2` and assigns it the value `7`.

2. **Function Call** `addTwoNumbers(num1, num2);`: This calls the `addTwoNumbers` function, passing `num1` and `num2` as arguments. Inside the function, `a` will be `5` and `b` will be `7`.
3. **Storing the Result** `const result = addTwoNumbers(num1, num2);`: The result of the function call (which is `5 + 7 = 12`) is stored in the constant variable `result`.
4. **Outputting the Result** `console.log(result);`: This logs the value of `result` to the console. The output will be `12`.

In summary, the `addTwoNumbers` function takes two numbers as input, adds them, and returns the sum. The example demonstrates how to use this function by passing two numbers, capturing the result, and printing it to the console.

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