

Higher-Order function

in JavaScript



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What is a **Higher-Order Function?**

A higher-order function is one that takes another function as an argument or returns a function as its result. It helps make code reusable and modular.



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Higher-Order e.g.

```
function repeat(action, times) {  
  for (let i = 0; i < times; i++) {  
    action();  
  }  
  
function sayHello() {  
  console.log("hi Hassam 🌟");  
}  
  
repeat(sayHello, 2);  
// Output:  
// hi Hassam 🌟  
// hi Hassam 🌟
```



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Why Use **Higher-Order** Functions?

Higher-order functions allow us to build flexible, reusable code. They're commonly used in JavaScript for array methods like **map**, **filter**, and **reduce**.

Pro Tip: Mastering higher-order functions gives you more control and efficiency in handling data transformations and complex workflows in JavaScript.



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If you're looking to build scalable backend solutions with Node.js, Express, or MongoDB, I can help you. Let's connect and collaborate on your next project!



👉 DM me or comment below if you have any questions or need help with your JavaScript journey!



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