



Destructing JAVASCRIPT



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Destructing

It is a way to extract values from arrays or objects and assign them to variables in a more concise and structured manner.

It allows you to unpack values from arrays or properties from objects into distinct variables.



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Why ?

Convenience → Destructing provides a cleaner and more readable way to assign values from arrays or objects to variables.

Shorter Syntax → It reduces the amount of code required to access and extract values from arrays or objects.

Flexibility → Destructing allows you to pick and choose only the values you need from an array or object.



Real Life Example

Imagine you have a bunch of presents wrapped in colorful paper.

Now, instead of unwrapping each present one by one, wouldn't it be cool if you could just magically unwrap them all at once and have each gift ready to use ?

That's kind of what destructing is like in JS!

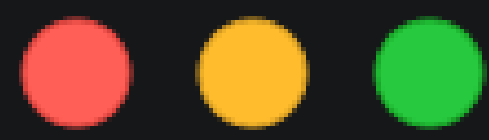


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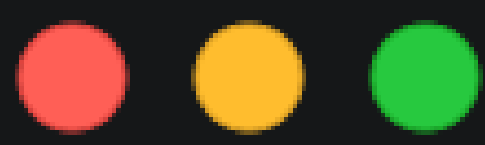
Array Destructing



```
1 // Array Destructing
2
3 const numbers = [10, 20, 30];
4 const [first, second] = numbers; // first = 10, second = 20
5 const [first, , third] = numbers; // first = 10, third = 30
6
7 const rest = numbers.slice(1); // rest = [20, 30]
8
```



Object Destructing



```
1 // Object Destructing
2 const person = { name: "Gagan", age: 21, country: "India" };
3 const { name, age } = person; // name = "Gagan", age = 21
4
5 const { country = "Unknown" } = person;
6 // country = "India", default value used
7
8 const { fullName: name } = person;
9 // name = "Gagan", renaming property name as fullName
10
```



Pros

Readability

Simplicity

Flexibility

Cons

Overuse

Confusion



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like & share



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