

ARRAY DESTRUCTURING

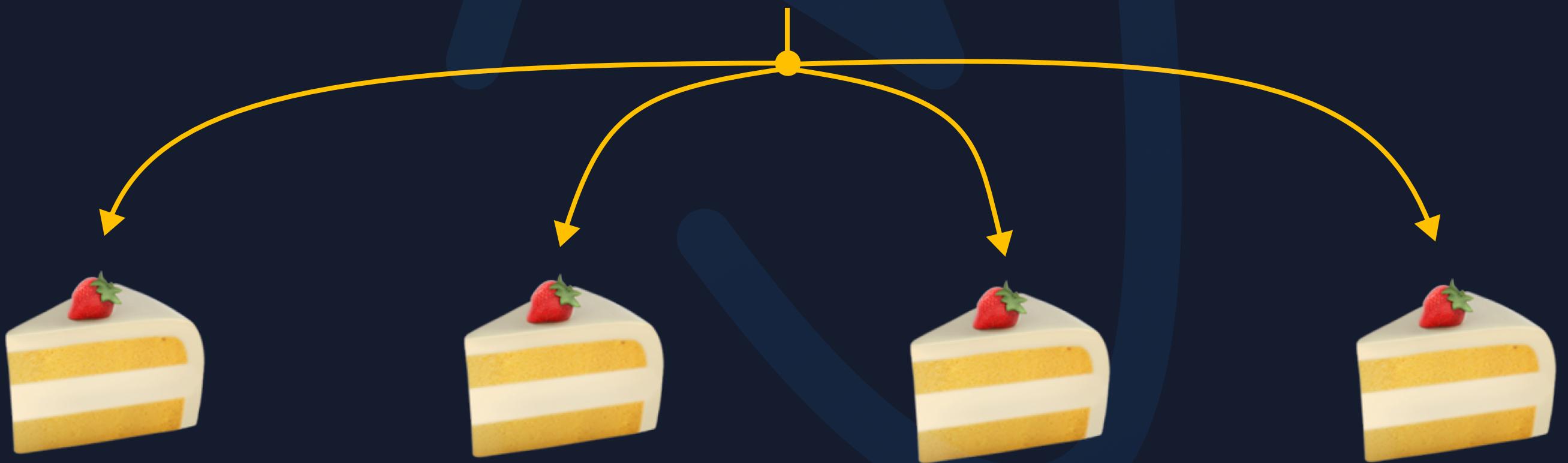


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Destructuring



Destructuring

- 🌱 Destructuring means **dividing an array into multiple variables**.
- 🌱 It is an ES6 syntax that allows us to **unzip** or **unpack** an array of elements into **multiple variables**.

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Array destructuring

```
let userName = ["Ajay", "John"];
let [user1, user2] = userName;
console.log(user1, user2);
//Ajay John
```



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Assignment items

🌱 Assignment means storing the value of a variable into another variable.

Array destructuring: Assignment

```
let userName = ["Ajay", "John"];
let [user1, user2] = ["Rohan", "Prince"];
console.log(user1, user2);
//Rohan Prince
```



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Swapping items

🌱 Swapping means the **value of two variables** are replaced to with each other.

Array destructuring: Swapping

```
let [user1, user2] = ["Ajay", "John"];
console.log(user1, user2);          //Ajay John
[user1, user2] = [user2, user1];
console.log(user1, user2);          //John Ajay
```



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Escaping the items

>If we want to get the **first** and **last** item in an array, we can use the **comma (,)** as a **separator**.

Array destructuring: Escaping items

```
let numArray = [10, 20, 30, 40, 50];
let [firstNum, , , , lastNum] = numArray;
console.log(firstNum, lastNum); // 10 50
```





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