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OMKESH B. KENDRE

Hey!

Its Me

ARRAY

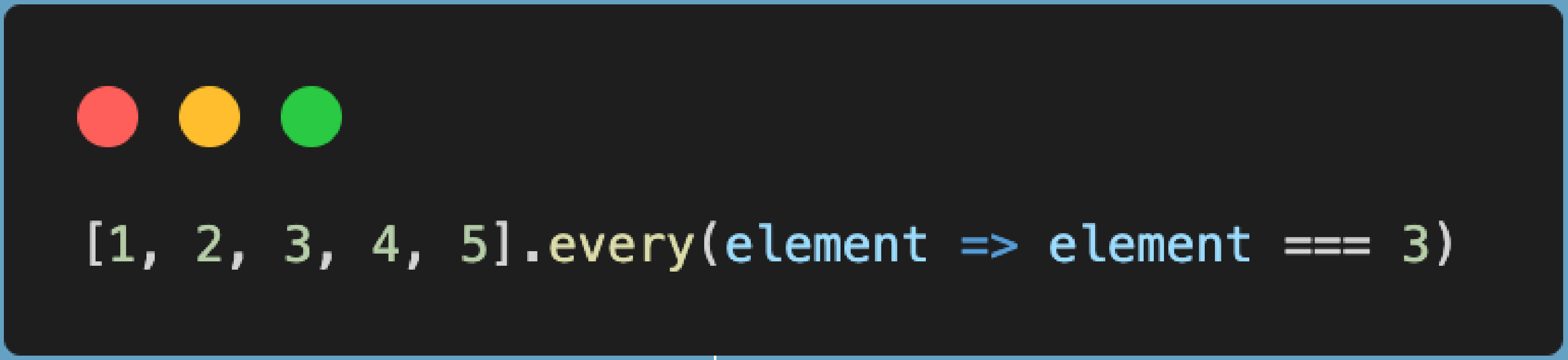
Javascript

.every(□=> □=== 🟨);

every() checks if every element in the array and return true/false based on conditions

[🟨🟨🟨🟨🟨] → true

[🟨🟪🟪🟨🟧] → false



```
[1, 2, 3, 4, 5].every(element => element === 3)
```

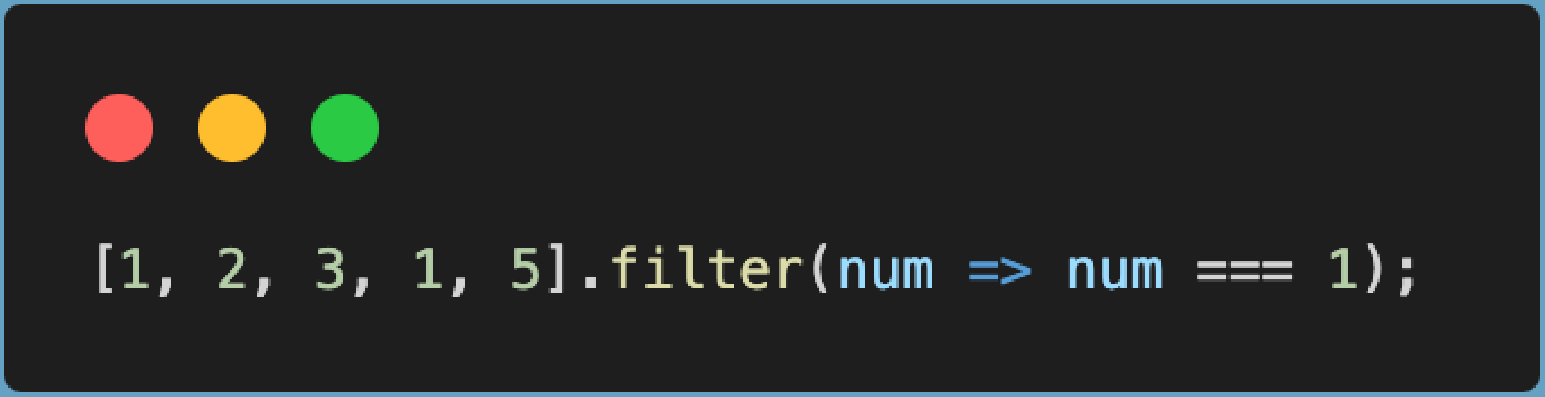
false

Javascript

.filter(⬚=> ⬚=== 🟨);

filter() creates a new array with elements that meet a specified condition, without modifying the original array.

[🟨🟪🟪🟨🟧] → [🟨🟨]



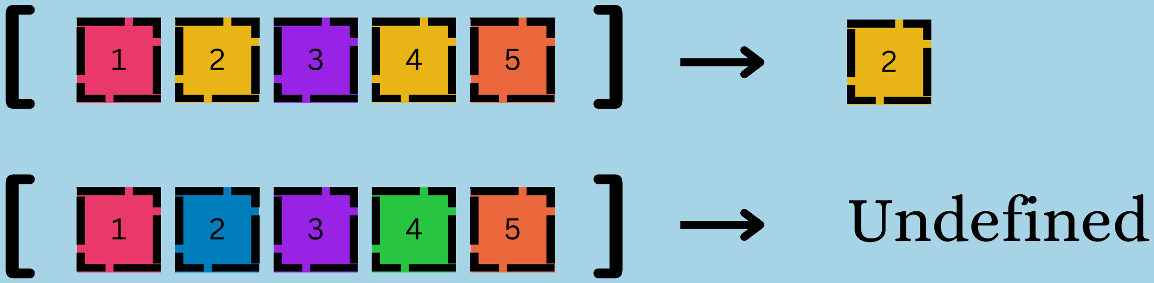
```
[1, 2, 3, 1, 5].filter(num => num === 1);
```

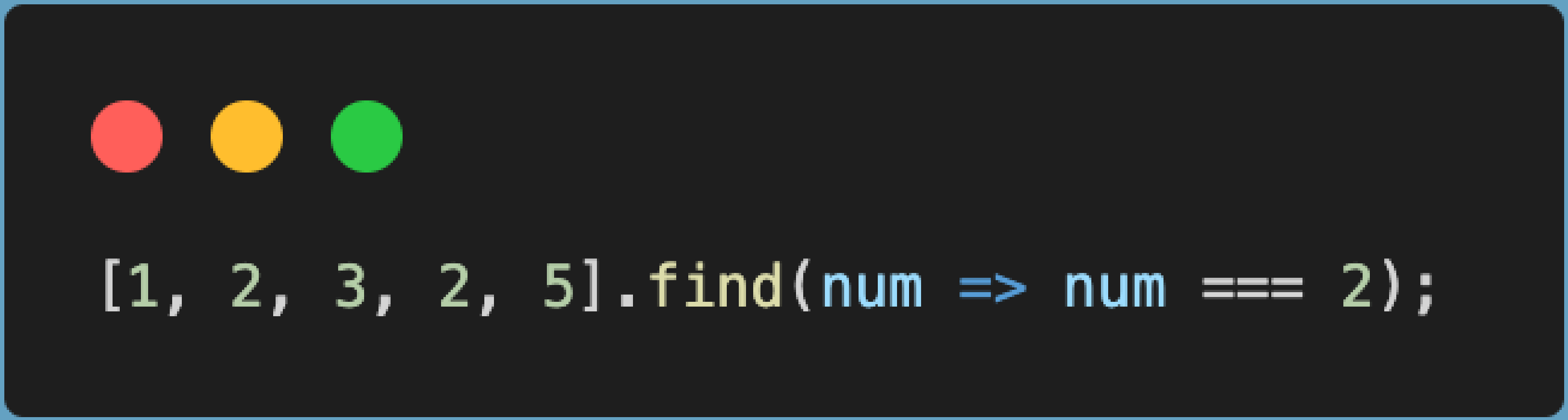
[1, 1]

Javascript

.find(□=> □ === ■);

find() returns the first array element satisfying a condition.





```
[1, 2, 3, 2, 5].find(num => num === 2);
```

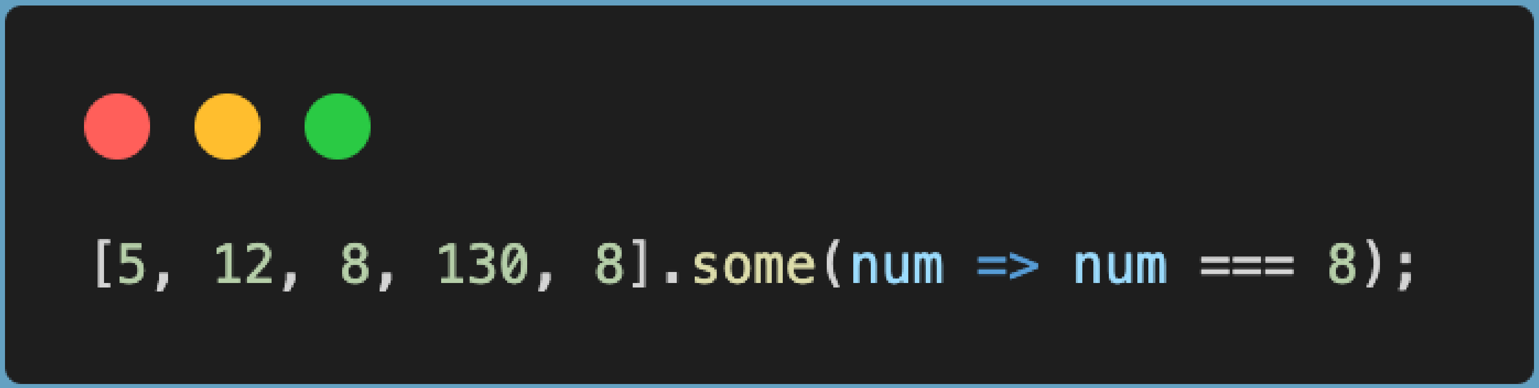
2

.some(⬚=> ⬚=== 🟨);

some() checks if at least one element satisfies a condition.

[🟥🟨🟪🟨🟧] → true

[🟥🟦🟪🟩🟧] → false



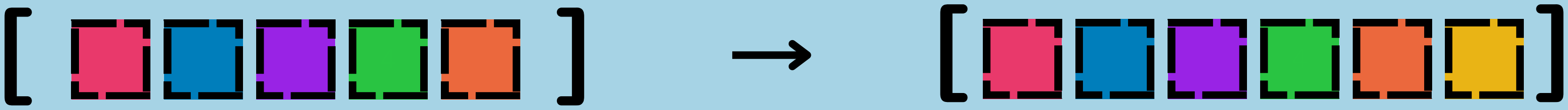
```
[5, 12, 8, 130, 8].some(num => num === 8);
```

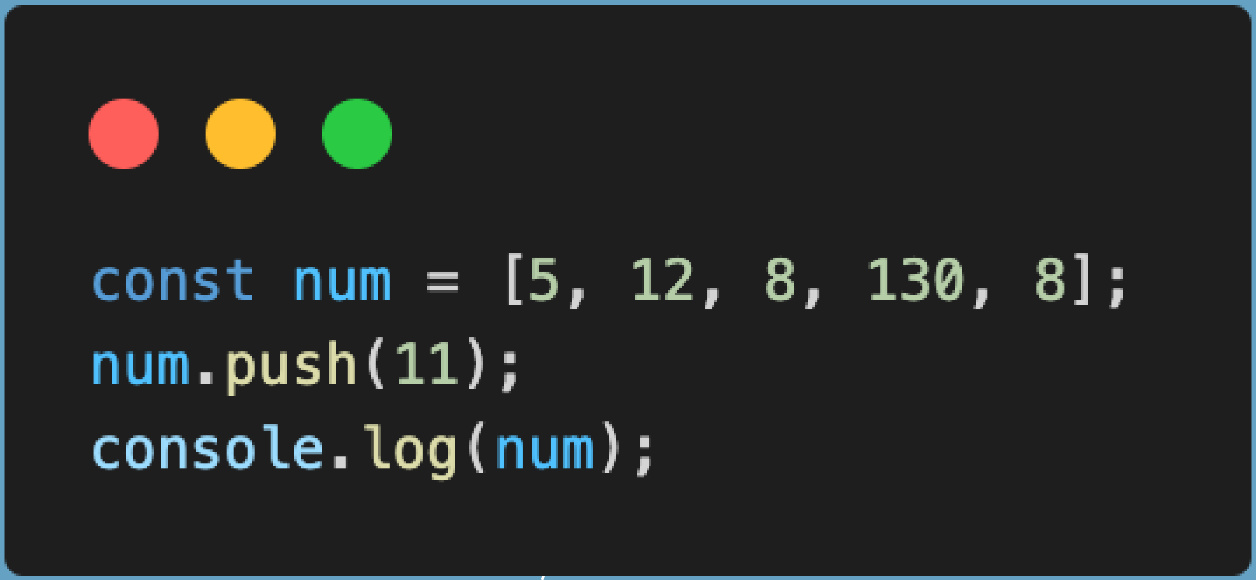
true

Javascript

.push(🟨);

push() adds element(s) to the end of an array.



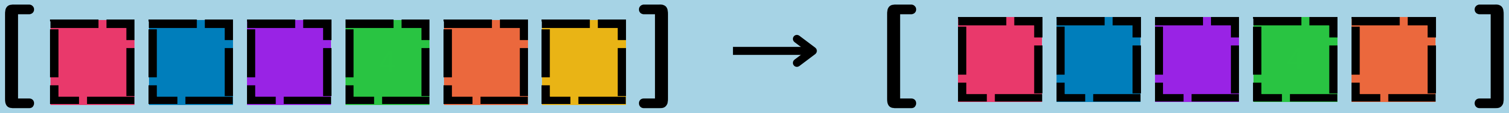


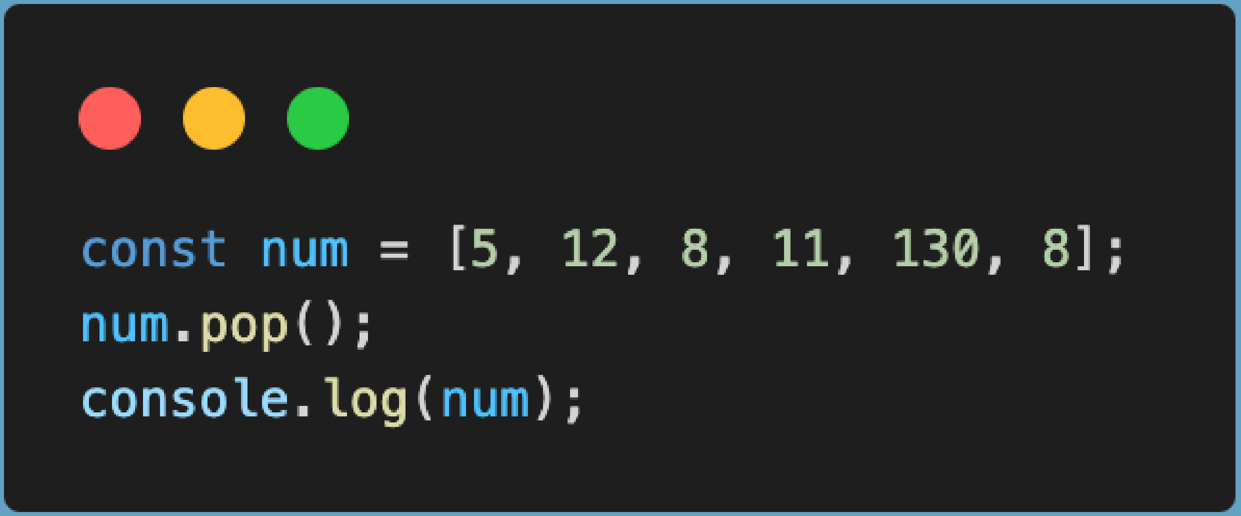
```
const num = [5, 12, 8, 130, 8];
num.push(11);
console.log(num);
```

[5, 12, 8, 130, 8, 11]

.pop( );

pop() removes the last element from the end of an array.





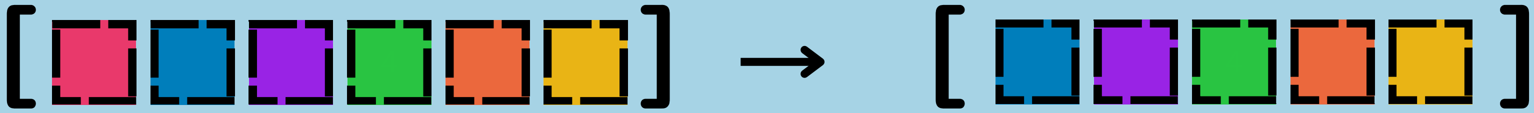
```
const num = [5, 12, 8, 11, 130, 8];
num.pop();
console.log(num);
```

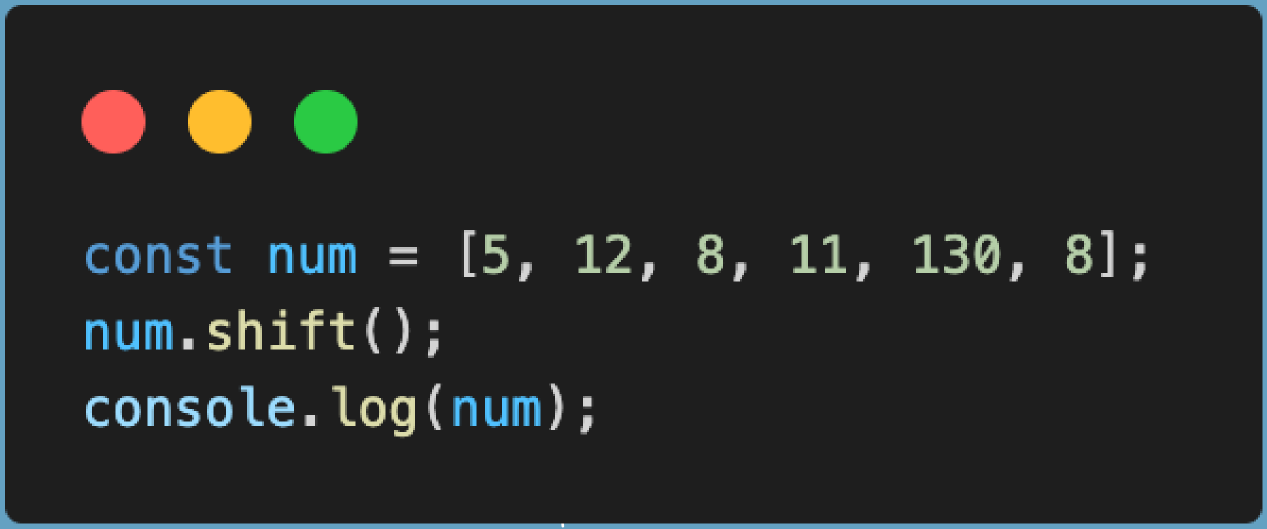
[5, 12, 8, 11, 130]

Javascript

.shift( );

shift() removes the first element from the beginning of an array.



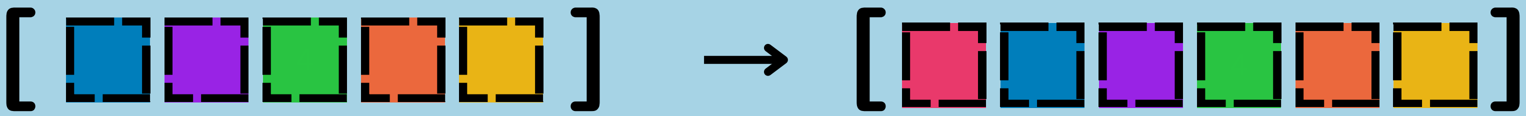


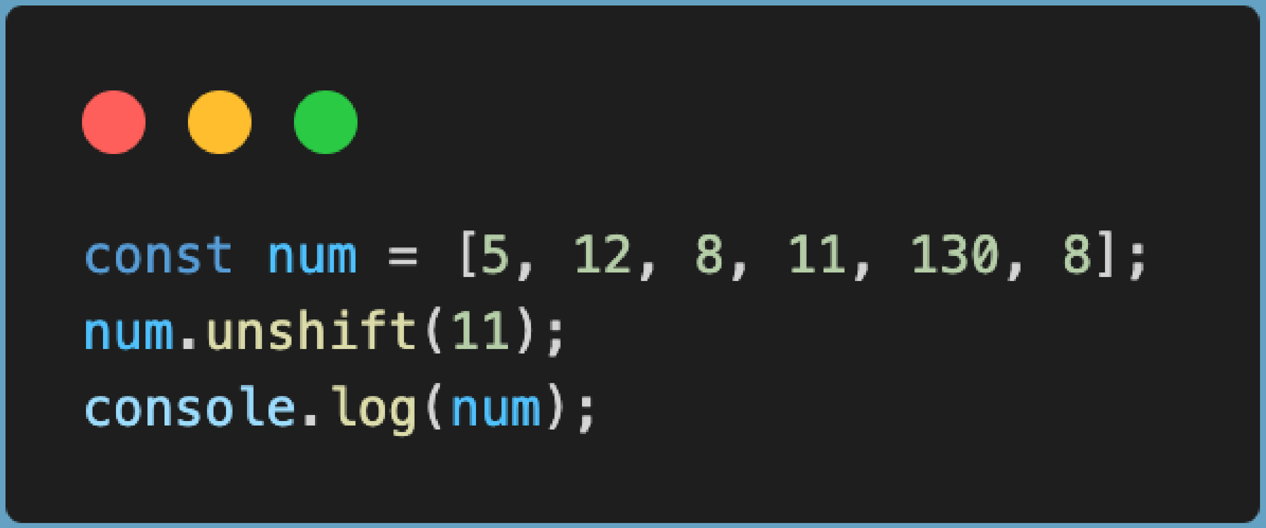
```
const num = [5, 12, 8, 11, 130, 8];
num.shift();
console.log(num);
```

[12, 8, 11, 130, 8]

.unshift(🟥);

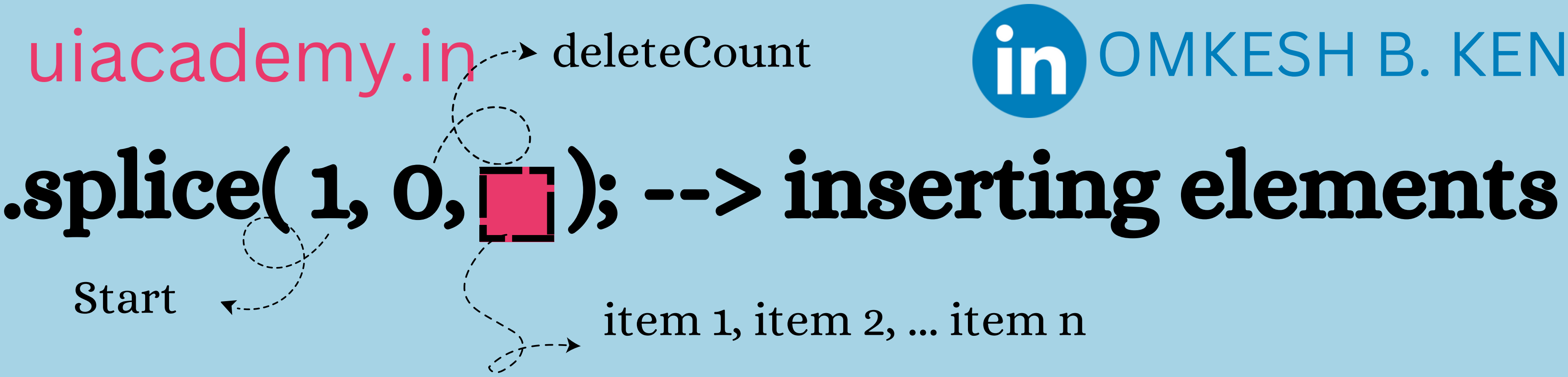
unshift() adds element(s) to the beginning of an array.





```
const num = [5, 12, 8, 11, 130, 8];
num.unshift(11);
console.log(num);
```

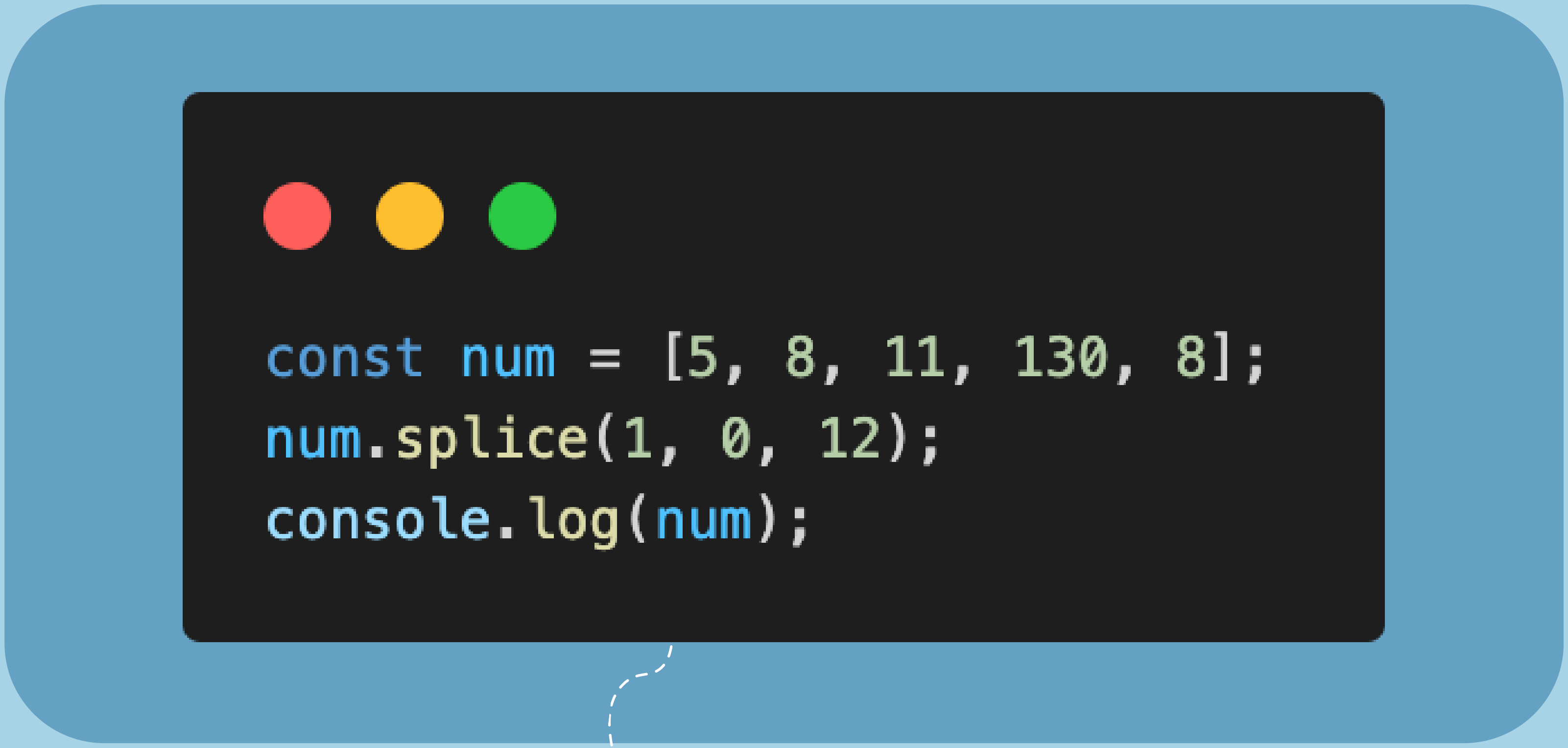
[11, 5, 12, 8, 11, 130, 8]



.splice(1, 0, 🟥); --> inserting elements

splice() changes the contents of an array by removing or replacing elements.

[🟦🟪🟩🟧🟨] → [🟦🟥🟪🟩🟧🟨]



```
const num = [5, 8, 11, 130, 8];
num.splice(1, 0, 12);
console.log(num);
```

[5, 12, 8, 11, 130, 8]

deleteCount

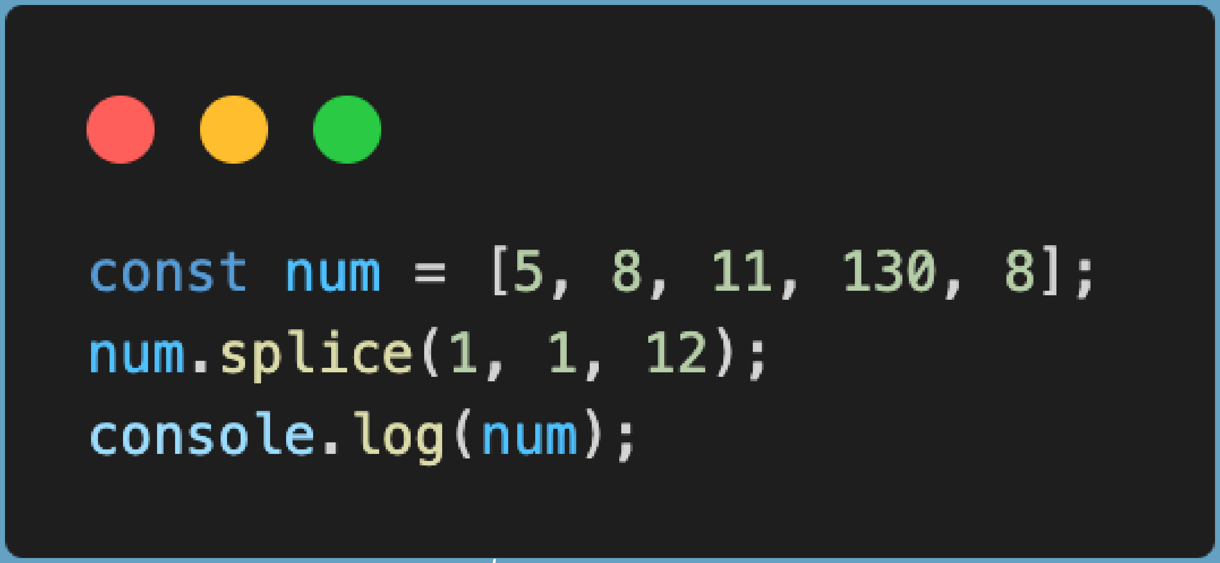
.splice(1, 1, 🟥); --> Replaces elements

Start

item 1, item 2, ... item n

splice() changes the contents of an array by removing or replacing elements.

[🟦🟪🟩🟧🟨] → [🟦🟥🟩🟧🟨]

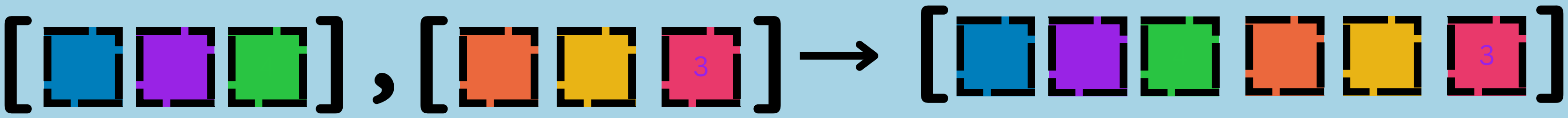


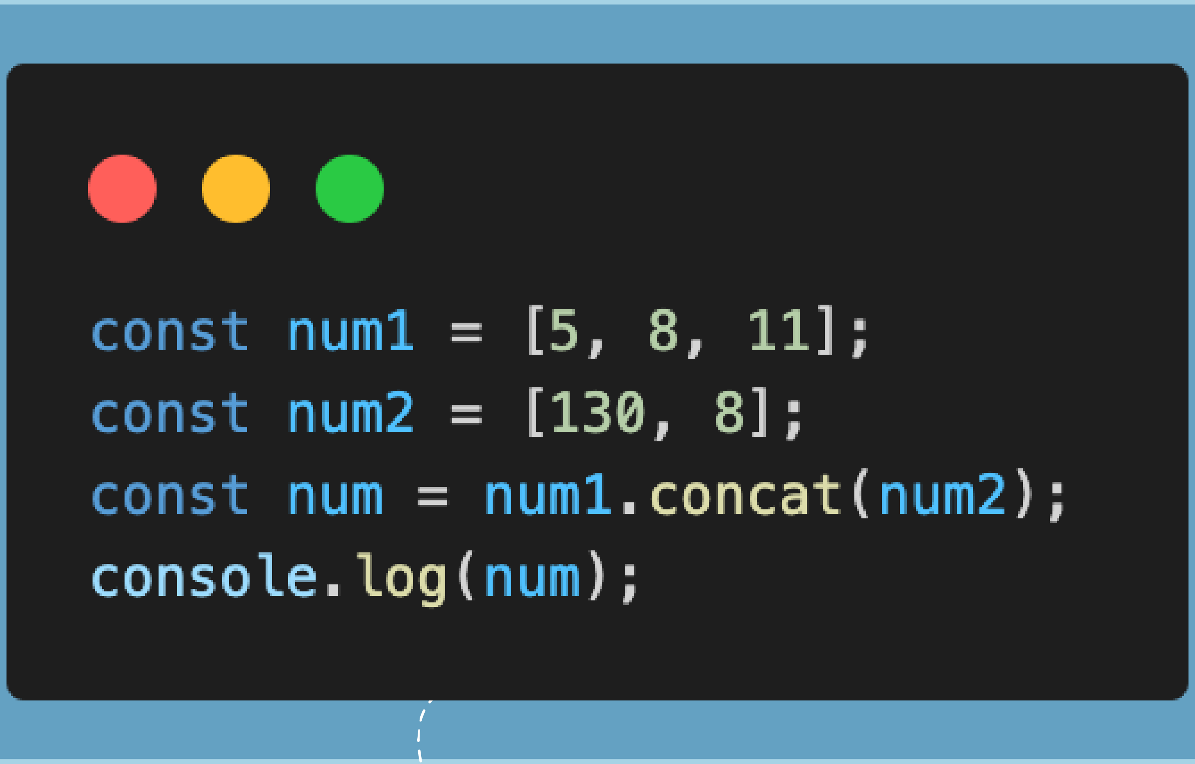
```
const num = [5, 8, 11, 130, 8];
num.splice(1, 1, 12);
console.log(num);
```

[5, 12, 11, 130, 8]

Javascript

concat() merges arrays.

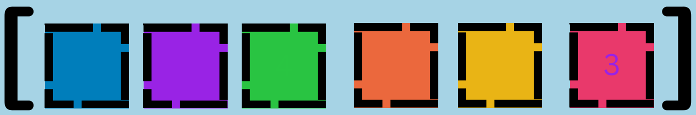




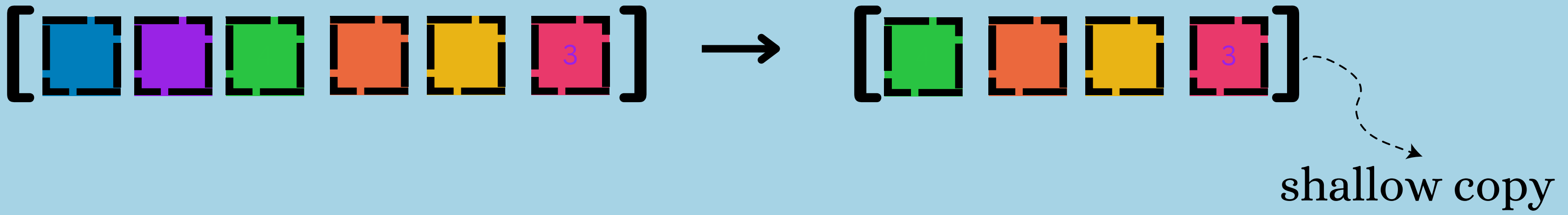
```
const num1 = [5, 8, 11];
const num2 = [130, 8];
const num = num1.concat(num2);
console.log(num);
```

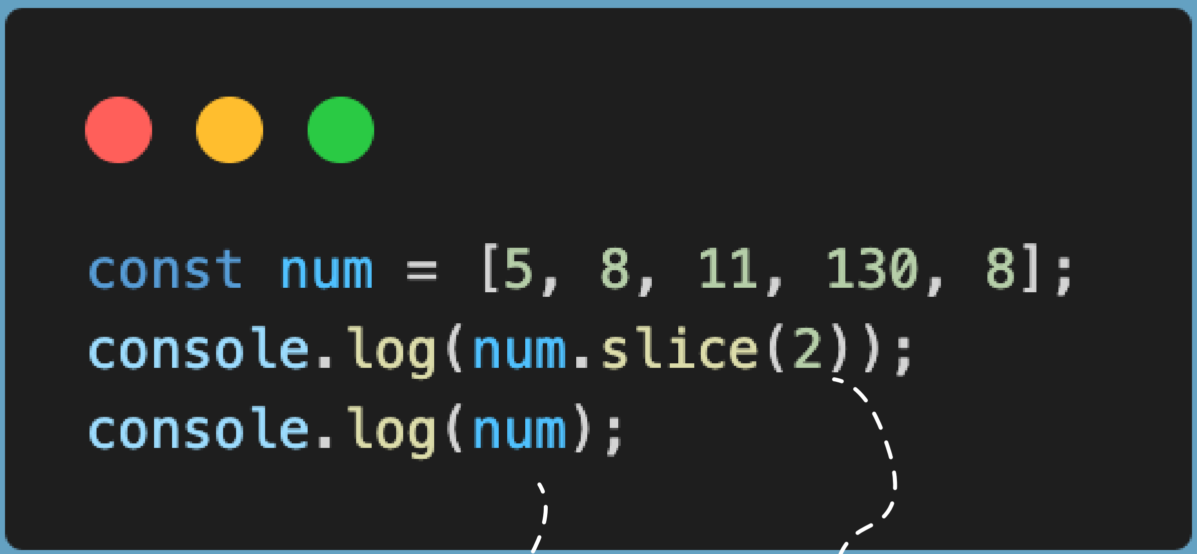
[5, 8, 11, 130, 8]

Javascript

 **.slice(2)**

slice() forms a new array subset copy, Original unaffected.





```
const num = [5, 8, 11, 130, 8];
console.log(num.slice(2));
console.log(num);
```

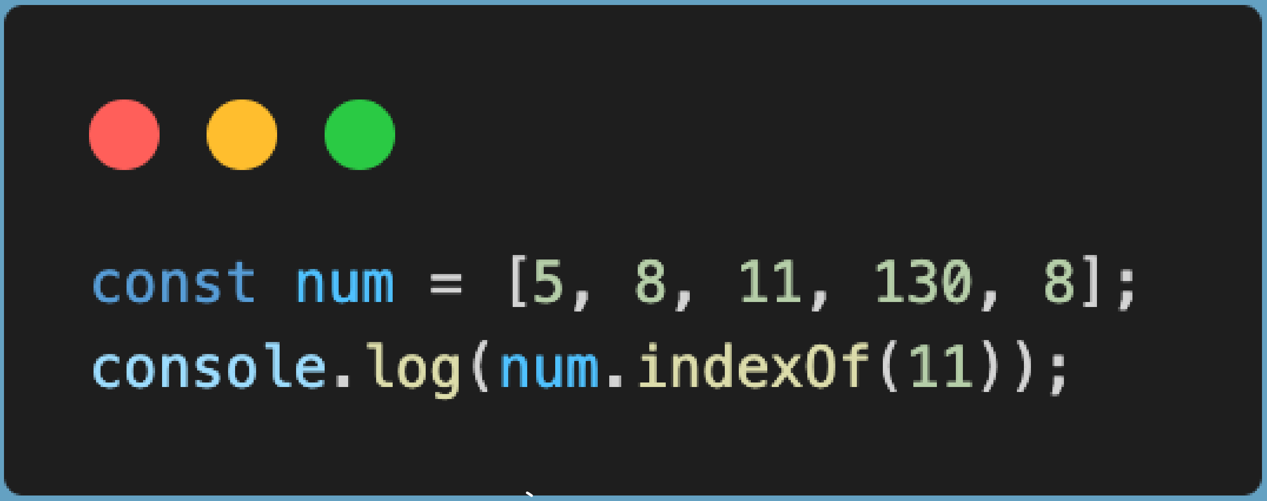
[5, 8, 11, 130, 8]

[11, 130, 8]

.indexOf(🟨)

indexOf() finds the first occurrence's index in an array.

[🟦🟪🟩🟧🟨🟥] → **1**



```
const num = [5, 8, 11, 130, 8];
console.log(num.indexOf(11));
```

2

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