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LOOPS

JS

WHAT TO EXPECT



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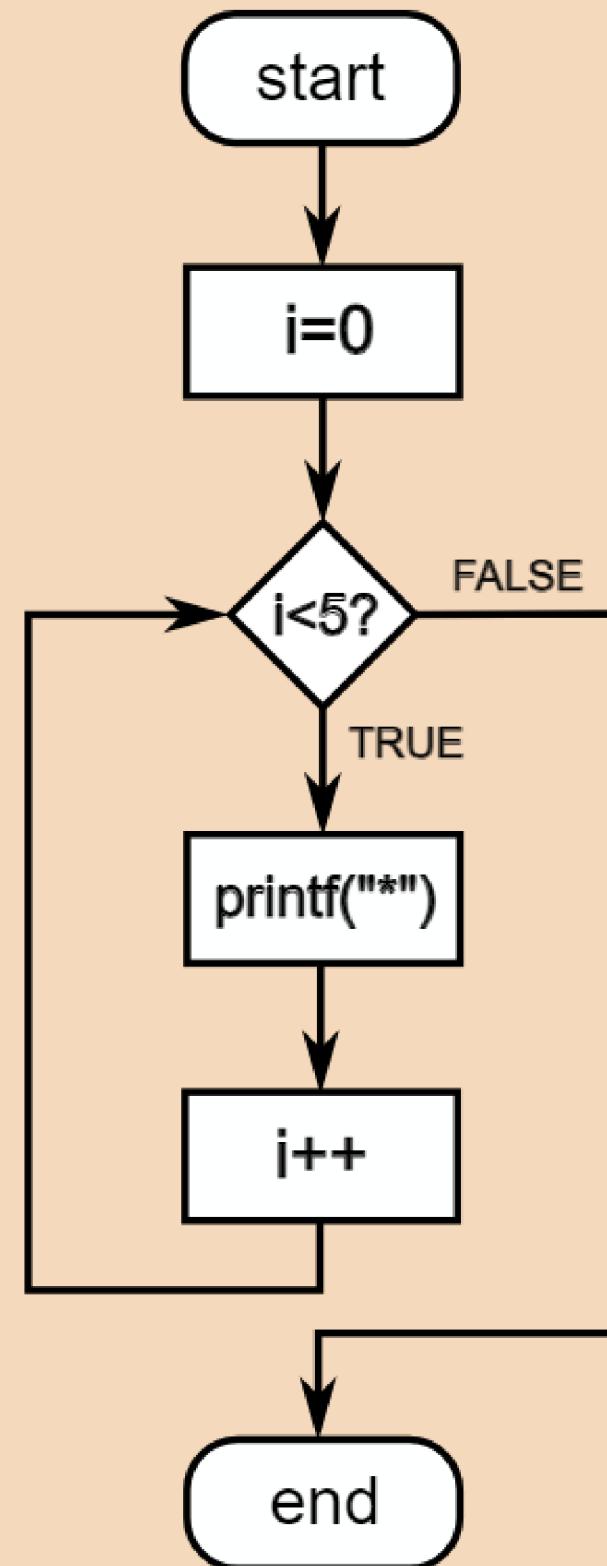
4 The for...of loop

What are Loops?



What are Loops?

- Repeating a block of code multiple times based on a condition.
- Automating repetitive tasks like clicking multiple buttons or verifying multiple elements.
- Three main types: **for**, **while**, and **for...of**



The **for** Loop

```
for (let i = 0; i < 5; i++) {  
  console.log("The current number is:", i);  
}
```

1. Initializes a counter (i), checks if it's less than 5, and increments it in each iteration.
2. Suitable for fixed number of iterations known beforehand.

The **while** Loop

```
let userInput = "";
while (userInput !== "yes") {
    userInput = prompt("Do you want to continue? (yes/no)");
}
console.log("Continuing the process...");
```

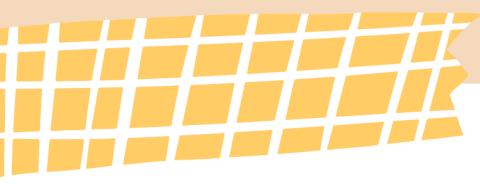
This code will keep asking the user for input until they enter "yes".

The `for...of` Loop



```
const colors = ["red", "green", "blue"];
for (const color of colors) {
  console.log("The current color is:", color);
}
```

This code will print each color in the colors array, one by one.



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See you in Next Video

