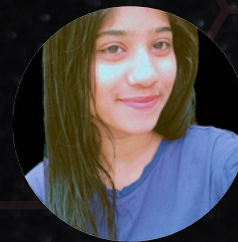


JavaScript

LOOPS

Swipe
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JS Loops

Loops are used to repeatedly execute a block of code until a condition.

- for loop
- while loop
- do while
- for in
- for of



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1. for Loop

It consists of three parts: initialization, condition, and increment.

Example:

```
for (let i = 0; i < 5; i++) {  
    console.log("Iteration " + i);  
}
```





2. while Loop

A while loop is used when you don't know in advance how many times the loop will run

Example:

```
let count = 0;
while (count < 5) {
  console.log("Iteration " +
count);
  count++;
}
```



3. do-while Loop

A do-while loop is similar to a while loop but guaranteed to run at least once.

Example:

```
let count = 0;  
do {  
    console.log("Iteration " + count);  
    count++;  
} while (count < 5);
```



4. for-in Loop

A for-in loop is used to loop through the properties of an object.

Example:

```
const person = {  
  name: "John",  
  age: 30  
};  
for (let key in person) {  
  console.log(key + ": " + person[key]);  
}
```





5. For-Of Loop

A for-of loop is used to iterate over the elements of an iterable object.

Example:

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



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