

TypeScript do while

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Summary: in this tutorial, you will learn how to use the `do...while` statement to create a loop that runs until a condition evaluates to `false`.

Introduction to TypeScript do...while statement

The following shows the syntax of the `do...while` statement:

```
do {  
    // do something  
} while(condition);
```

The `do...while` statement executes statements in its body surrounded by the curly braces (`{}`) until the `condition` is `false`.

The `do...while` statement always executes its loop body at least one.

Unlike the `while` statement, the `do...while` statement evaluates the `condition` after each loop iteration, therefore, it is called a post-test loop.

TypeScript do...while statement example

The following example uses the `do...while` statement to output numbers from 0 to 9 to the console:

```
let i = 0;  
  
do {
```

```
    console.log(i);  
    i++;  
} while (i < 10);
```

Output:

```
0  
1  
2  
3  
4  
5  
6  
7  
8  
9
```

How it works:

- First, declare a variable `i` and initialize it to zero before entering the loop.
- Then, output `i` to the console, increment it by one, and check if it is less than `10`. If it is, repeat the loop until `i` greater than or equal `10`.

Summary

- Use the `do...while` statement to create a loop that runs until a condition evaluates to `false`.