

JS Fundamentals Lesson 3

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1 Nullish Coalescing Operator

The nullish coalescing operator `??` provides a short syntax for selecting a first “defined” variable from the list.

The difference between `||` and `??` is that the `??` checks only for `null` and `undefined`, while the `||` operator also checks for `0`, `false` and `'` (Falsy Values).

```
1 let firstName = null;
2 let middleName = "";
3 let lastName = undefined;
4 let nickName = "Supercoder";
5 console.log(firstName ?? middleName ?? lastName ?? nickName ?? "Anonymous"); // "" empty
   ↪ string
6 console.log(firstName || middleName || lastName || nickName || "Anonymous"); // Supercoder
```

2 Topics from Odin lesson page

Important Note: I have studied this lesson topics from youtube videos not the links provided by The Odin Project

- How to define and invoke different kinds of functions.
- How to use the return value.
- What function scope is.

In JavaScript, when defining a function, you don't have to write `let` before function parameters because function parameters are treated as variables within the function's scope. Therefore, they don't need to be declared with `let`, `const`, or `var`.