

leXical ...

**Lexical scope (or static scope) refers to the way variable scope is determined by the physical location of the code when it is written, rather than by the runtime context.**

### **Example**

```
function outerFunction() {  
    let outerVar = "I am outside!";  
    function innerFunction() {  
        console.log(outerVar); // Accessing a variable from the outer function  
    }  
    innerFunction();  
}  
  
outerFunction(); // Output: "I am outside!"
```

In this example:

- **innerFunction** has access to **outerVar**, even though **outerVar** is not defined within **innerFunction** itself.
- This is possible because **innerFunction** is lexically inside **outerFunction**, and JavaScript allows inner functions to access variables from their outer lexical environment.

### Key Points

- Lexical scope is determined at the time the code is written.
- Functions carry their lexical scope with them wherever they are called.