

Working of this

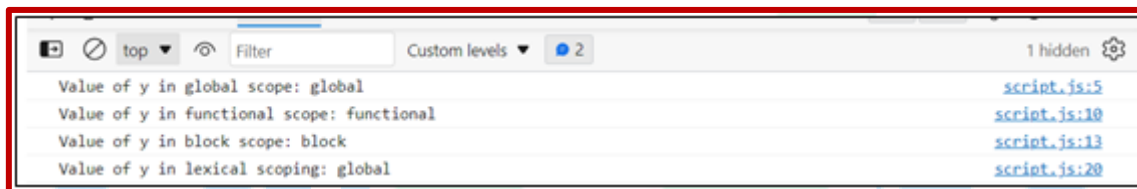
DIY - 29

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Problem Statement: The purpose of this assignment is to deepen your understanding of scopes and the context of `this` in JavaScript. You will explore variable declarations using `var`, `let`, and `const`, and learn how they behave in different scopes, including global, local, function, and block scopes. Additionally, you will gain hands-on practice with the functionality of `this` in various scenarios.

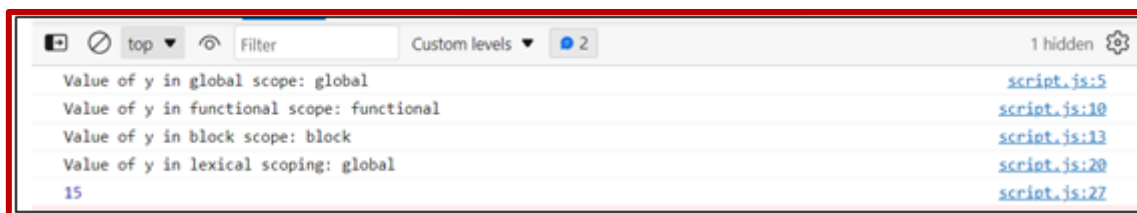
1. Show how a variable works on different scopes.

The expected output is shown below.



2. Create a function in the second JavaScript file that returns the sum of the values passed to it as arguments.

The expected output is shown below.



3. Write a function that logs the value of this when called in the global scope. Discuss how this behaves when the function is called directly (e.g., myFunction()).
4. Modify the above function to use strict mode ('use strict;'). Call the function again and explain any differences in the value of this.

5. **Create an arrow function that logs the value of this. Explain how this behaves within an arrow function compared to a regular function.**

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