

## Module 1 - Front-End Web Development

### JavaScript – Scope and Objects

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#### Overview

In this exercise, you'll explore variable scope and object creation in JavaScript. You'll learn the difference between local and global scope, create objects using both literal notation and constructors, and understand how to manage object properties and methods. This will help you write more organized and maintainable code using JavaScript's object-oriented features.

#### Requirements:

```
// TODO: Create a global variable called globalCount

// TODO: Create a function that demonstrates local scope

// TODO: Create a function that tries to modify both variables

// TODO: Create a Student constructor function

// TODO: Create several student instances

// TODO: Create an object literal with nested properties
```

#### Submission:

Save your code in a file named ***scopes\_and\_objects.js*** and upload it to the LMS. Demonstrate your code and the console output to your instructor.