

Exercise

Weekend

Introduction to Programming

(/introduction-to-programming)

/ JavaScript and Web Browsers

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/ Practice: Assignment, Comparison, and Equality Operators

Text

Goal: In the Assignment, Comparison, and Equality Operators lesson, we learned:

- The difference between `=` and `===`
- The assignment operators for each of the mathematical functions: `+=`, `-=`, `*=`, `/=`
- Comparison operators, including `<`, `>`, `<=`, and `>=`
- Equality operators, including `===` and `!==`

Take time to practice using these operators by completing the exercises listed below.

Warm Up

- What is the difference between a comparison operator and an assignment operator?

- What is a boolean? What does it represent?
- How is the `+=` operator different from the `+` operator?

Code

Assignment & Comparison Practice

Practice assigning and comparing:

- Set two variables equal to two different numbers. Use a comparison operator to compare these two variables.
- Change one of their values by using the `+=`, `-=`, `*=`, or `/=` operator.
- Then, compare their values again.

If you are working with a pair, switch who's driving and observing and continue with this practice:

- Try out the `<=` and `>=` operators by comparing two numbers.
- Try out using `===` equality operator by comparing two strings.
- Next, use the `!==` equality operator on two strings or numbers to get a `true` and `false` return value.

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