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Home > Javascript basics > variables > Reassign a value to a variable

JSchallenger

Reassign a value to a variable

Assign a new value to the variable *num*. The code will not work the way it is. Find the mistake and fix it.

Execute the corrected code.

```
let num = 1;
```

reset

 **Congratulations**

The author's solution

```
let num = 1;
num = 2;
console.log(num);
```

Get solution ⓘ

Attempted: 827649 Solved: 114884

Continue

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19°C 11:54 p.m. 13/06/2024

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← → C jschallenger.com/javascript-basics/variables/access-variable-javascript

Home > Javascript basics > variables > Accessing a variable (1)

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Accessing a variable (1)

In this simple exercise we declare a variable called `num` and assign it a value of 5. Then we try to log the value of the variable using the `console.log()` method. But, the `console.log()` method contains a small mistake. If you try to run the code, you will see an error message. Fix the mistake and run the code again.

 Congratulations

The author's solution

```
const num = 5;
console.log(num);
```

Continue Get solution ⓘ Attempted: 166421 Solved: 95936

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Home > Javascript basics > variables > Assign a value to a variable

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Assign a value to a variable

Here, we declare the variable `num`. But, it has no value yet. Assign a value to it and run the code.

```
let num;  
num= 2;
```

Congratulations

The author's solution

```
let num;  
num = 2;  
console.log(num);
```

Get solution ⓘ

Attempted: 134646 Solved: 98241

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Home > Javascript basics > variables > Create the missing variable

JSchallenger

Create the missing variable

Below, we attempt to assign the value of a variable named `numOne` to the variable `numTwo`. But, that variable has not been declared yet. Declare a variable named `numOne` and run the code.

```
let numOne = 5;
```

 Congratulations

The author's solution

```
let numOne = 5;
let numTwo = numOne;
console.log(numTwo);
```

Get solution ⓘ

Attempted: 115976 Solved: 86678

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Home > Javascript basics > variables > Assign the value of another variable

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Assign the value of another variable

Here, we have two variables `numOne` and `numTwo`. `numOne` already has a value. Assign `numTwo` the value of `numOne` and run the code.

```
let numOne = 5;
```

 Congratulations

The author's solution

```
let numOne = 5;
let numTwo = numOne;
console.log(numTwo);
```

Continue

Get solution ⓘ

Attempted: 168148 Solved: 90991

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Resu... 12:10 a.m. 14/06/2024

Assign boolean to a variable

Here, we declare the variable `isTrue`. But, it has no value yet. Assign a boolean value to it and run the code.

```
let isTrue;
```

 **Congratulations**

The author's solution

```
let isTrue;
isTrue = true;
console.log(isTrue);
```

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Attempted: 140318 Solved: 55760

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Home > Javascript basics > variables > Reassign a value to a variable (2)

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Reassign a value to a variable (2)

The code below first declares a variable named `num` with value 1. Then, a new value 2 is assigned. Finally, the variable is logged.

But, the code will not work like that. Find the mistake and fix it. Execute the corrected code.

 Congratulations

The author's solution

```
let num = 1;  
num = 2;  
console.log(num);
```

Continue Get solution ⓘ Attempted: 202471 Solved: 87863

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19°C 12:06 a.m. 14/06/2024

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Home > Javascript basics > variables > Declare a variable and assign a number

Declare a variable and assign a number

In this exercise we practice how to declare a new variable and how to assign it a number. The `console.log()` statement below attempts to log a variable named `num`. Declare a variable with this name and assign it a number of your choice. Run the code to see if the number is being logged.

 Congratulations

The author's solution

```
const num = 5;
console.log('The value of num is: ' + num);
```

Continue

Get solution ⓘ

Attempted: 123109 Solved: 88431

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Home > Javascript basics > variables > Accessing a variable (2)

Accessing a variable (2)

This exercise is very similar to the previous one. We declare a variable called `num`, assign it a value of 5, and try to log it. But again, we introduced a small mistake.
Fix the code and run it.

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Javascript Basics (8/11)

reset

8 ★ Congratulations

The author's solution

```
const num = 5;
console.log(num);
```

Continue Get solution ⓘ Attempted: 139976 Solved: 90651

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Home > Javascript basics > operators > Comparison operators - Not Equal

Comparison operators - Not Equal

In the `console.log()` statement below we use the *Not Equal* operator to check whether `numOne` and `numTwo` have different values. Change the code so that the `console.log()` statement logs `true`.

```
const numOne = 5;
```

 **Congratulations**

The author's solution

```
const numOne = 5;
const numTwo = 6;
console.log(numOne != numTwo);
```

Continue

Get solution ⓘ

Attempted: 74779 Solved: 62472

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Home > Javascript basics > operators > Comparison operators - Equal

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Comparison operators - Equal

In the `console.log()` statement below we use the *Equal* operator to check whether `numOne` and `numTwo` have the same value. Change the code so that the `console.log()` statement logs `true`.

```
const numOne = 5;
```

Congratulations

The author's solution

```
const numOne = 5;
const numTwo = 5;
console.log(numOne == numTwo);
```

Continue

Get solution ⓘ

Attempted: 92529 Solved: 63519

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Home > Javascript basics > booleans > Convert Number to Boolean

Convert Number to Boolean

Here, we declare the variable `num` and assign it the value 5. We also declare the variable `bool` which we assign the boolean representation of `num`. Extend the code such that the `console.log()` statement logs `false`.

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Javascript Basics (15/11)

15 ★ Congratulations

The author's solution

```
let num = 5;  
num = 0;  
const bool = Boolean(num);  
console.log(bool);
```

Continue Get solution ⓘ Attempted: 178526 Solved: 51251

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Home > Javascript basics > operators > Comparison operators - Less than

Comparison operators - Less than

In the `console.log()` statement below we use the *Less Than* operator to check whether the value of `numOne` is less than the value of `numTwo`. Change the code so that the `console.log()` statement logs `true`.

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21 **Congratulations**

The author's solution

```
const numOne = 1;
const numTwo = 2;
console.log(numOne < numTwo);
```

Continue

Get solution ⓘ

Attempted: 64403 Solved: 57340

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Home Javascript Basics (21/11)

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Home > Javascript basics > operators > Comparison operators - Greater than

Comparison operators - Greater than

In the `console.log()` statement below we use the *Greater Than* operator to check whether the value of `numOne` is greater than the value of `numTwo`. Change the code so that the `console.log()` statement logs `true`.

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 **Congratulations**

The author's solution

```
const numOne = 6;
const numTwo = 5;
console.log(numOne > numTwo);
```

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Attempted: 73234 Solved: 58082

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Create a Javascript string

In this exercise the existing `console.log()` statement logs the value of the variable `text`. The variable `text` has already been declared with an empty string – as indicated by the two single quotes. Fill in the string with some characters and run the code to see if the string is being logged.

Congratulations

The author's solution

```
const text = 'hello world';
console.log('The value of text is: ' + text);
```

Continue

Attempted: 40228 Solved: 31718



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Home > Javascript basics > operators > Comparison operators - Less than or equal

Comparison operators - Less than or equal

In the `console.log()` statement below we use the *Less Than Or Equal* operator to check whether the value of `numOne` is less than or equal the value of `numTwo`. It also checks whether the value of `numTwo` is less than or equal the value of `numThree`. Change the code so that both expressions in the `console.log()` statement logs `true`.

 Congratulations

The author's solution

```
const numOne = 1;
const numTwo = 1;
const numThree = 2;
console.log(numOne <= numTwo, numTwo <= numThree);
```

Continue

Get solution ⓘ

Attempted: 69617 Solved: 54812

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Comparison operators - Greater than or equal

In the `console.log()` statement below we use the *Greater Than Or Equal* operator to check whether the value of `numOne` is greater than or equal the value of `numTwo`. It also checks whether the value of `numTwo` is greater than or equal the value of `numThree`. Change the code so that both expressions in the `console.log()` statement logs `true`.

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Javascript Basics (22/111)

Congratulations

The author's solution

```
const numOne = 3;
const numTwo = 2;
const numThree = 2;
console.log(numOne >= numTwo, numTwo >= numThree);
```

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Attempted: 72773 Solved: 55454

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Home > Javascript basics > strings > Different ways to create Javascript strings

Different ways to create Javascript strings

Here, we have declared 3 variables `textOne`, `textTwo`, and `textThree`. An empty string is assigned to all of them.

Do you see how in each case different symbols are used to create the string? All three of them are valid methods to create a JavaScript string.

Fill in all 3 strings with some characters and run the code to see if the values get logged.

 Congratulations

The author's solution

```
const textOne = 'Hello, ';
const textTwo = "it's ";
const textThree = `me`;
console.log(textOne, textTwo, textThree);
```

Continue

Get solution ⓘ

Attempted: 36841 Solved: 30548

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Home > Javascript basics > functions I > Function declaration

Function declaration

In this exercise we create a function called `func`. Then we call the function and assign its return value to the variable `result`. To solve this exercise, simply have the `console.log()` statement log the words *hello world*.

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 **Congratulations**

The author's solution

```
function func() {
    return 'hello world';
};
const result = func();
console.log(result);
```

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Attempted: 68386 Solved: 23612

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Upload files · EJGDLG/Unidad39 | (2) WhatsApp if statement - add missing cond

jschallenger.com/javascript-basics/conditionals/if-statement-add-condition-javascript

if statement - add missing condition

Time to practice what we've learnt so far. In the code below, the if...statement will assign a new value to the variable `text`. But only if its condition is met. Currently, the condition is missing. Add any condition that will be satisfied such that the `console.log()` statement logs `true`.

Congratulations

The author's solution

```
let text = 'hello';
if (text === 'hello') {
    text = text + ' world';
}
console.log(text === 'hello world');
```

Continue Get solution

Attempted: 46041 Solved: 24793

JSchallenger

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