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# JavaScript Assignment



## JavaScript Assignment Operators

Assignment operators assign values to JavaScript variables.

| Operator | Example  | Same As     |
|----------|----------|-------------|
| =        | x = y    | x = y       |
| +=       | x += y   | x = x + y   |
| -=       | x -= y   | x = x - y   |
| *=       | x *= y   | x = x * y   |
| /=       | x /= y   | x = x / y   |
| %=       | x %= y   | x = x % y   |
| <<=      | x <<= y  | x = x << y  |
| >>=      | x >>= y  | x = x >> y  |
| >>=      | x >>>= y | x = x >>> y |
| &=       | x &= y   | x = x & y   |
| ^=       | x ^= y   | x = x ^ y   |
| =        | x  = y   | x = x   y   |
| **=      | x **= y  | x = x ** y  |

The \*\*= operator is an experimental part of the ECMAScript 2016 proposal (ES7). It is not stable across browsers. Do not use it.

## **Assignment Examples**

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The = assignment operator assigns a value to a variable.

```
Assignment

var x = 10;

Try it Yourself »
```

The += assignment operator adds a value to a variable.

```
Assignment

var x = 10;
x += 5;

Try it Yourself »
```

The -= assignment operator subtracts a value from a variable.

```
Assignment

var x = 10;
x -= 5;

Try it Yourself »
```

The \*= assignment operator multiplies a variable.

```
Assignment

var x = 10;
x *= 5;

Try it Yourself »
```

The /= assignment divides a variable.

```
Assignment

var x = 10;
x /= 5;

Try it Yourself »
```

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The %= assignment operator assigns a remainder to a variable.

```
Assignment

var x = 10;
x %= 5;

Try it Yourself »
```

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