Quiz

This lesson covers multiple choice questions related to variables in JavaScript.

1 Choose a correct option:

A) To give a value to a variable, we use the **assignment operator** `=`

B) For number variables, the operator `--` can **increment** their value by 1

C) JavaScript is not a **dynamically typed** language.

D) All of the above

2 Observe the following program and try to predict the final values of its variables:

```
let a = 2;
a -= 1;
a++;
let b = 8;
b += 2;
const c = a + b * b;
const d = a * b + b;
const e = a * (b + b);
```

```
const f = a * b / a;
const g = b / a * a;

console.log(a, b, c, d, e, f, g);
```

A) `a = 2` , `b = 10` , `c = 100` , `d = 25` , `e = 30` , `f = 12` , `g = 10`

B) `a = 2` , `b = 10` , `c = 102` , `d = 30` , `e = 40` , `f = 10` , `g = 10`

C) `a = 2` , `b = 10` , `c = 101` , `d = 25` , `e = 30` , `f = 10` , `g = 10`

D) `a = 2` , `b = 10` , `c = 100` , `d = 30` , `e = 40` , `f = 12` , `g = 10`

3 Choose a correct option:

A) A variable is declared using the `let` keyword followed by the variable name

B) To declare a constant it's better to use the `const` keyword

C) Variables declared with `let` or `const` are **block-scoped**

D) All of the above

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Choose a correct option:

A) The `prompt()` and `alert()` commands deal with information input and display under the form of dialog boxes

B) Expressions may be included in strings delimited by a pair of backticks (`` ` ``). Such a string is called a **template literal**

C) **Type conversions** may happen implicitly during the evaluation of an expression, or explicitly when using the `Number()` and `String()` commands, to obtain respectively a number or a string

D) All of the above

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Is the following sattement correct:

Type conversions can be done explicitly when using the `Number()` and `String()` commands

A) True

B) False

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Observe the following program and choose the correct output:

```
const y = 7;
console.log(String(7) + 1);
```

A) 8

B) 7

C) 71

D) Error

CHECK ANSWERS