VARIABLES: VAR

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📖 REVIEW

🧘🏼‍♀️ What does variable mean?

✍️ Steps for creating variable

🔍 Rules for creating variable

💣 Hoisting

🌎 Global object

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📖 WHAT DOES VARIABLE MEAN?

The variable is a memory location for storing information.

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📖 STEPS

✍️ Declaration

📦 Initialization

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📖 DECLARATION

```
1  var name;
```

📖 INITIALIZATION

```
1  var name = 'Andrii';
```

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📖 MAIN RULES

⚠️ Variable name can contains letters, number, symbols $ and _

⚠️ The first symbol for variable name CAN'T be number

⚠️ Case of letters

⚠️ Never use reserved names

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📖 RESERVED WORDS

abstract, boolean, else,

instanceof, switch, enum,

int, synchronized,

break, export, interface,

this, byte, extends,

long, throw, case,

false, native, throws,

catch, final, new, transient,

char, finally, null,

true, class, float,

package, try, const,

for, private, typeof,

continue, function, protected,

var, debugger, goto, public,

void, default, if,

return, volatile, delete,

implements, short, while,

do, import, static,

with, double, in,

super.

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📖 HOISTING

Hoisting is a **JavaScript** mechanism where variables and function declarations are moved to the top of their scope before code execution.

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📖 HOISTING

```
1 console.log(name);
2 var name = 'Andrii';
```

```
1 undefined
```

📖 GLOBAL VARIABLES

Global variables are those variables that are not inside a function.

📖 GLOBAL OBJECT

In JavaScript, all global variables are properties of a special object called a global object.

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📖 WINDOW

```
1 var name = 'Andrii';
2 console.log(window.name);
```

```
1 Andrii
```

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📖 SUMMARIZE

📦 Use variables to store information

🔧 The var directive is intended to declare a variable.

✍️ Use the assignment operator to save information

🔥 Do not forget about hoisting

⚠️ Always follow variable naming conventions

🌎 Variables that are not created inside functions are global

💻 In the browser, the global object is called window

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HERE GOES!

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