

JavaScript

"use strict"

In Detail



JS

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JavaScript "use strict"

"use strict" is a special **directive** in JavaScript that enables strict mode, which enforces **stricter rules** for writing code.

It helps **prevent common mistakes**, improves code quality, and provides better error handling.



Features of "use strict"

Some of the features of strict mode include disallowing,

- **Undeclared** variables
- Assigning values to **read-only** properties
- **Duplicate** parameter names
- Using "**eval**" and "**arguments**" as variable names.

Example | "use strict"

1

```
// 1. Undeclared variables **  
  
a = 10;  
  
function myFunc() {  
  b = 20;  
  return a + b;  
}  
  
console.log(myFunc());  
  
// Error: a & b is not defined
```

2

```
// 2. Assigning values to read-only properties  
  
const insta = "CodeBustler";  
insta = "Hustler";  
  
// Error: Assignment to constant variable.
```

Example | "use strict"

3

```
// 3. Duplicate parameter names
```

```
function add(a, b, b) {  
  console.log(a + b + b);  
}
```

```
add(10, 20, 5);
```

```
// Error: Duplicate parameter  
name not allowed in this context
```

4

```
// 4. Using "eval" and "arguments"  
as variable names.
```

```
let eval = "abc"  
let arguments = 'xyz';
```

```
// Error: Unexpected eval or  
arguments in strict mode
```

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