1. invented by Brendan Eich in 1995
2. External JavaScript Advantages
3. It separates HTML and code
4. It makes HTML and JavaScript easier to read and maintain
5. Cached JavaScript files can speed up page loads
6. **arithmetic operators** ( + - \* / ) to **compute**
7. **assignment operator** ( = ) to **assign**

## JavaScript Identifiers / Names

A JavaScript name must begin with:

1. A letter (A-Z or a-z)
2. A dollar sign ($)
3. Or an underscore (\_)

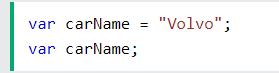
## Camel Case

1. **Upper Camel Case (Pascal Case):**
2. FirstName, LastName, MasterCard, InterCity.
3. Variables are containers for storing data
4. The var keyword is used in all JavaScript code from 1995 to 2015.
5. The let and const keywords were added to JavaScript in 2015.
6. If you want your code to run in older browser, you must use var.
7. constant values and cannot be changed

## JavaScript Identifiers

All JavaScript **variables** must be **identified** with **unique names**.

These unique names are called **identifiers**.

1. Creating a variable in JavaScript is called "declaring" a variable.
2. After the declaration, the variable has no value (technically it is undefined).
3. To **assign** a value to the variable, use the equal sign
4. If you re-declare a JavaScript variable declared with var, it will not lose its value. 
5. You cannot re-declare a variable declared with let or const.
6. If you put a number in quotes, the rest of the numbers will be treated as strings, and concatenated.
7. “5”+2+3=523
8. 5+2+”3”=73
9. JavaScript treats a dollar sign and underscore as a letter
10. The let keyword was introduced in [ES6 (2015)](https://www.w3schools.com/js/js_es6.asp).
11. Variables defined with let cannot be Redeclared.
12. Variables defined with let must be Declared before use.
13. Variables defined with let have Block Scope
14. With let, redeclaring a variable in the same block is NOT allowed:
15. The const keyword was introduced in [ES6 (2015)](https://www.w3schools.com/js/js_es6.asp).
16. Variables defined with const cannot be Redeclared.
17. Variables defined with const cannot be Reassigned.
18. Variables defined with const have Block Scope.