# Java Script Documentation:

Variables

Variables are containers for storing data.

JS Variables are of 4 types:

1. Automatic
2. Var
3. Let
4. Const

The var keyword was used in all JavaScript code from 1995 to 2015.

The let and const keywords were added to JavaScript in 2015.

The var keyword should only be used in code written for older browsers.

# **Data Types in JS:**

* String
* Number
* Bigint
* Boolean
* Undefined
* Null
* Symbol
* Object

# **Operators in JS:**

* Arthimetic operator
* Assignment operator
* Conditional operator
* Comparison operator
* String operator
* Logical operator
* Bitwise operator
* Ternary operator

# **Functions in JS:**

With functions we can reuse code

Can write code that can be used many times

You can use same code with different arguments to produce different results.

# **Control structures in JS:**

Used to control execution of program based on specific condition.

If the condition meets then a particular block of action will be executed otherwise it will execute another block of action.

* If statement
* If-else statement
* Switch case
* Ternary operators
* Using for loop