Basics

What are Variables?

Variables are containers for storing data (storing data values).

### 3 Ways to Declare a JavaScript Variable:

* Using var
* Using let
* Using const

always declare variables with const.

If we think the value of the variable can change, we will use let.

In JavaScript we have two category of types

1. Primitive data types: undefined, null, number, string, boolean, symbol

2. Reference data types: Arrays and Objects

Objects-

Example

var marks = {

ravi: 24,

shubham: 87,

krishna: 99.977

}

// console.log(marks);

Arrays:

JavaScript array is a single variable that is used to store different elements. It is often used when we want to store a list of elements and access them by a single variable.

Examples:

An array in JavaScript can hold different elements that can store Numbers, Strings, and Boolean in a single array.

<script>

// Storing number, boolean, strings in an Array

var house = ["1BHK", 25000, "2BHK", 50000, "Rent", true];

console.log(house)

</script>

FUNTIONS:

A function is a set of statements that take inputs, do some specific computation, and produce output. The idea is to put some commonly or repeatedly done tasks together and make a function so that instead of writing the same code again and again for different inputs, we can call that function.

Example

// Function in JavaScript

function avg(a, b) {

c = (a + b) / 2;

return c;

}

c1 = avg(4,6);

c2 = avg (14,16);

console.log(c1,c2);