**JavaScript:**

**ES6 new Features**

1. From ES6 onward we can declare the variable using var, let const keyword.

Using var we can re-declare same variable once again with same value or different values. But using let we can’t.

Using var we declare global or function scope variable. But using let we declare block scope.

Const keyword is use to declare the constant value. Means we can’t change the value.

1. Different types of function styles.
2. Normal function
3. Expression style function
4. Arrow function : in arrow function function keyword replace by => and curly braces not required if we are planning to write one line statement. Arrow function by default return the value without return keyword.
5. Callback function :

Passing the function name or function body or function itself to another function as a parameter is known as callback functions.

**Array :** array is a user defined data type which is use to store more than one value of same or different types.

var a=10;

a=20;

var/let abc=[10,20,30,40,50,60]; literal style array declaration with initialization

var/let xyz=new Array(10,20,30,40,50,60); creating memory using new words

in JS array is known as dynamic memory.

**JavaScript User defined objects**

**Any real world entity**

Property or state -🡪 have

Product

Behaviour -🡪 do/does

Orders

Customer

Employee

Login

Manager

In JavaScript we can describe the object using 3 ways.

1 we can create object using literal style

2. using function style (ES5 style)

3. using class style (ES6 features)