**ES6:**

* ES6 is the ECMA6 script that is used in the modern javascript.
* In ES5 the keyword var is used to declare the variable. it s scope can be either global or local.
* In Es6 two more variable declaration is used that is let and const.
* They both are similar to var but their their scope is limited to block in which they are defined.
* When a variable is declared as const, the assignment of that variable should be done immediately along with the declaration and these values cannot be reassigned in the program.
* When a variable is declared as var, it can be redeclared again in the program but if it is declared as let and const it cannot be redeclared.
* Default function parameters. The parameters can be assigned values while defining a function. If new values are passed as arguments while calling the function it will take the new value else it will consider the default value.
* Rest and spread are introduced in es6
* For..of loop is introduced.
* The for..in loop is used to iterate the enumerable property of the object. To access the elements of the array, for..of loop is used.
* Destructuring- it means assigning assigning the values to the individual variables.
* This can be done for Array and objects
* Importing and exporting modules are introduced which helps in reusability and shortening the lines of codes.
* Arrow function concepts is introduced which helps in shortening of the codes from using a normal function. But the limitation of this arrow function is that it doesnot have access to this keywords and cannot be used in methods and constructors.