# 10 of Arrays predefined methods

- **findIndex():** method returns the index of the first element in an array that satisfies the provided testing function. If no elements satisfy the testing function, -1 is returned
- **copyWithin():** method shallow copies part of an array to another location in the same array and returns it without modifying its length
- **entries():** method returns a new **Array Iterator** object that contains the key/value pairs for each index in the array.
- **every():** method tests whether all elements in the array pass the test implemented by the provided function. It returns a Boolean value
- **fill():** method changes all elements in an array to a static value, from a start index (default 0) to an end index (default array.length). It returns the modified array.
- **Reduce():** method executes a user-supplied "reducer" callback function on each element of the array, in order, passing in the return value from the calculation on the preceding element. The final result of running the reducer across all elements of the array is a single value.
  The first time that the callback is run there is no "return value of the previous calculation". If supplied, an initial value may be used in its place. Otherwise the array element at index 0 is used as the initial value and iteration starts from the next element

- **Includes():** method determines whether an array includes a certain value among its entries, returning true or false as appropriate
- **forEach():** method executes a provided function once for each array element.
- **flat():** method creates a new array with all sub-array elements concatenated into it recursively up to the specified depth.
- **Map():** method creates a new array populated with the results of calling a provided function on every element in the calling array.

# 10 of Objects predefined methods

- **valueOf():** The valueOf() method returns the primitive value of a number
- **toString()** : The toString() method returns a string representing the object
- **parseInt()** : The Number.parseInt method parses a value as a string and returns the first integer
- **Object.create() :** Creates a new object with the specified prototype object and properties
- **Object.keys() :** Returns an array containing the names of all of the given object's own enumerable string properties.
- **hasOwnProperty() :** Returns a boolean indicating whether an object contains the specified property as a direct property of that object and not inherited through the prototype chain.
- **Object.values() :** Returns an array containing the values that correspond to all of a given object's own enumerable string properties.
- **Object.isSealed() :** Determines if an object is sealed.
- **Object.isFrozen()** : Determines if an object was frozen.
- **isPrototypeOf() :** Returns a boolean indicating whether the object this method is called upon is in the prototype chain of the specified object