ARRAYS AND THIER METHODS

In computer programming Array is data structure that saves elements of an identical type. Arrays are valuable tools for organizing and obtaining a subsequent fixed size collection of items. Indexes designate the placement of each element within the array. Web pages often use arrays to store and modify sets of information. JavaScript, which is popularized by web development offers several categories of arrays for programming. Such as, numeric arrays: The fundamental type of array; access to elements relies on numerical indices. An example is an inherent associative array type is absent in JavaScript. However, an alternative option is available via object emulation. Essentially, this means using strings as keys instead of the typical numeric indices to access elements.

What is a method (not necessarily a JavaScript method, but just the programming idea of a method altogether).

To effectively program, understanding what constitutes as a method is important information. In essence, when programming needs are directed towards completing specific tasks or operations then constructs known as named blocks come into play - otherwise known as methods. These methods are usually tied to certain objects/classes and are instrumental in operations with data and defining object behavior thereof.

3. Make a list of all the JavaScript methods you can find with a very brief explanation about what it does to the array.

1) Adding one more items at the end: Method - push(). 2) Removing last element: Method - pop(). 3) Removing the first element from the start while shifting others downwards by one position: Met hod - shift(). 4) Shifting existing items upwards at front along with adding specified elements: Method -unshift(). 5) Combination two or more arrays through creation of new combined arrangement: Method - Concat(). 6) Making string via joining all arranged items while allowing use of a given separator: Method - join(). 7) Making new mutable array over shallow copy with selection of specified slice range: Method - slice().