Title

Knowledge checkpoint

- Array Methods
- String Manipulation
- Anonymous Function and Arrow Function
- Export and Import

Array Methods

Mutating vs Non-Mutating

Slice: slice an array and assign sliced value to new variable - *Non-Mutating*
Splice: cuts an existing variable and creates a new variable - *Mutating*
indexOf(): to determine whether or not an object is in an array - *Non-Mutating*
lastIndexOf(): returns the last index at which an item is found - *Non-Mutating*
includes(): determines if the array contains the specified item and true or false as output. - *Non-Mutating*
every(): checks every array item against a condition & returns a falsy value   - *Non-Mutating*
some(): like every but the passing condition is at least one callback returns true - *Non-Mutating*
map(): loops through an array, runs a function, and create a new array built from the return values of each iteration - *Mutating*
filter(): like the map but creates a new array containing only items of the original array that return a truthy value from the callback - *Non-Mutating*

String Manipulation

- variable.length   // returns a number
- variable.split(' ')   // where to split usually , - space
- variable.slice()
- variable.splice()   // adds or remove items from the array (index, homany)
                      index where to add or remove   **howmany** number of items to be removed

Assignment

Anonymous Function and Arrow Function

- Anonymous Function
  - no function name, instead use variable
  - anonymous functions are used once and usually are not accessible after its creation and do not have name reference, to reuse the anonymous function assign it to variable
  - used for higher-order functions and do not need to be separated
- Arrow Function (Fat)
  - Arrow syntax automatically binds *this* to the surrounding code's context.
  - syntax allows an implicit return when there is no body block, resulting in shorter and simpler code
  - no **function** and **return** keyword
  - var/let/const functionname = (argument, argument) => {
        // function body
    }

Assignment

Export and Import

Export

Define functions
export {functionname, functionname, ……..}

Import

Import {functionname, functionname, ……..} from 'path to the file' ;

Questions

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