

String Assignments

Note: All assignments should be separated in an external javascript file

All functions should be separated in a functions.js javascript file

Don't use `split()` or any array methods

Level 1 – Basic String Manipulation

1-Length Finder

Ask the user to enter a word and print how many characters it has.

2-Uppercase Converter

Take a string and convert it fully to uppercase using `.toUpperCase()`.

3-Lowercase Converter

Convert a given string to lowercase using `.toLowerCase()`.

4-Character Extractor

Input a word and print the first, middle, and last characters using `.charAt()` or indexing `[]`.

5-Concatenation Practice

Ask the user for first and last names and print a full greeting like:

"Hello, John Doe!"

6-Removing part of a string

Ask the user for full name then remove last 5 characters using `substring()`

Level 2 – Searching and Replacing

1-Find a Word

Given a sentence and a word, check if that word exists in the sentence using `.includes()` or `.indexOf()`.

2-Replace a Word

Replace a specific word in a sentence using `.replace()` or `.replaceAll()`.

3-Count Occurrences (no arrays)

Write code that counts how many times a specific letter appears in a string

(use a loop and a counter, not `.split()`).

4-Starts or Ends With

Check if a string starts or ends with a certain substring using `.startsWith()` and `.endsWith()`.

5-Remove Spaces

Remove all spaces from a sentence using `.replaceAll()`

Level 3 – Substrings and Formatting (don't use arrays)**1-Extract Domain from Email**

Input: "user@example.com" → Output: "example.com"

2-Initials Generator

Input: "John Smith" → Output: "J.S."

(Without splitting into an array)

3-Reverse String (without arrays)

Use a loop to build a reversed version of the string.

4-Palindrome Checker

Check if a string reads the same forward and backward (e.g. "level").

5-Count Vowels

Count how many vowels (a, e, i, o, u) are in the string.

Level 4 – Challenges**1- Title Case (no arrays)**

Convert "hello world" → "Hello World" using only substring and index logic (no `.split()`).

2-Masking Part of a String

For example, mask a phone number: "01065082666" → "*****2666".

4-Longest Word (without arrays)

Find the longest word in a sentence without using `.split()` (use loops and spaces detection).

Remove Repeated Characters

Input: "aabbcc" → Output: "abc" (use string concatenation and condition checks).