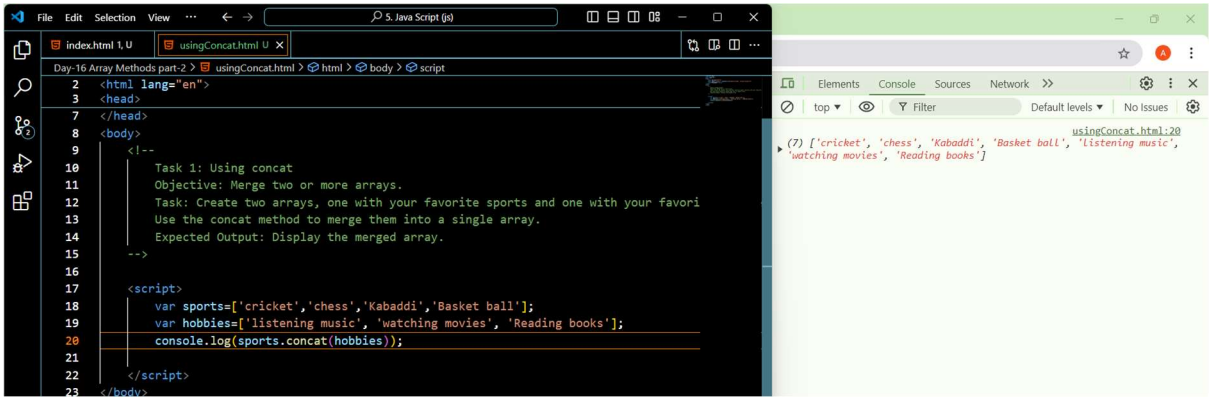
TASKS:

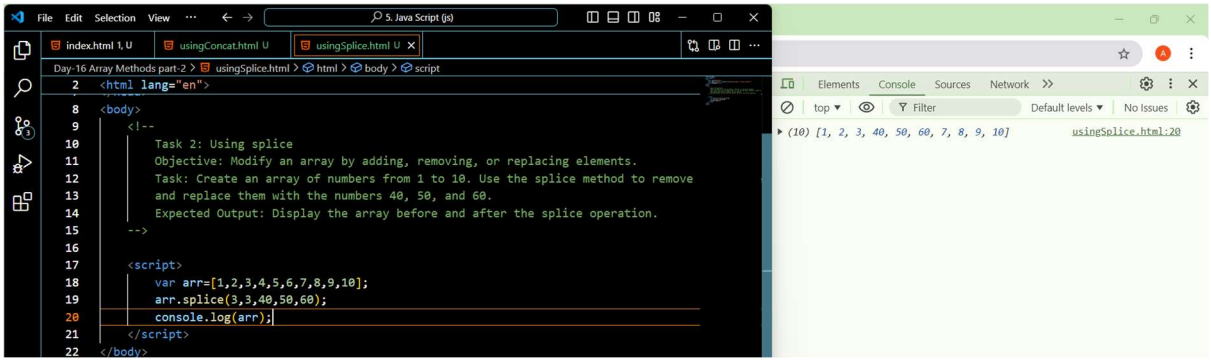
Task 1: Using concat

Objective: Merge two or more arrays.
Task: Create two arrays, one with your favorite sports and one with your favorite hobbies. Use the concat method to merge them into a single array.
Expected Output: Display the merged array.



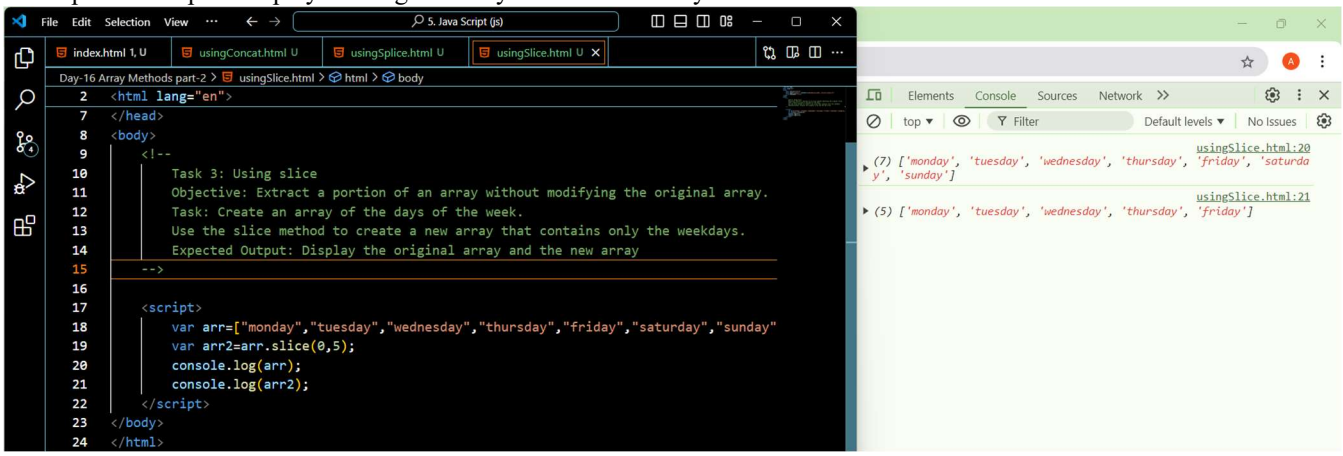
Task 2: Using splice

Objective: Modify an array by adding, removing, or replacing elements.
Task: Create an array of numbers from 1 to 10. Use the splice method to remove the numbers 4, 5, and 6, and replace them with the numbers 40, 50, and 60.
Expected Output: Display the array before and after the splice operation.



Task 3: Using slice

Objective: Extract a portion of an array without modifying the original array.
Task: Create an array of the days of the week. Use the slice method to create a new array that contains only the weekdays.
Expected Output: Display the original array and the new array.

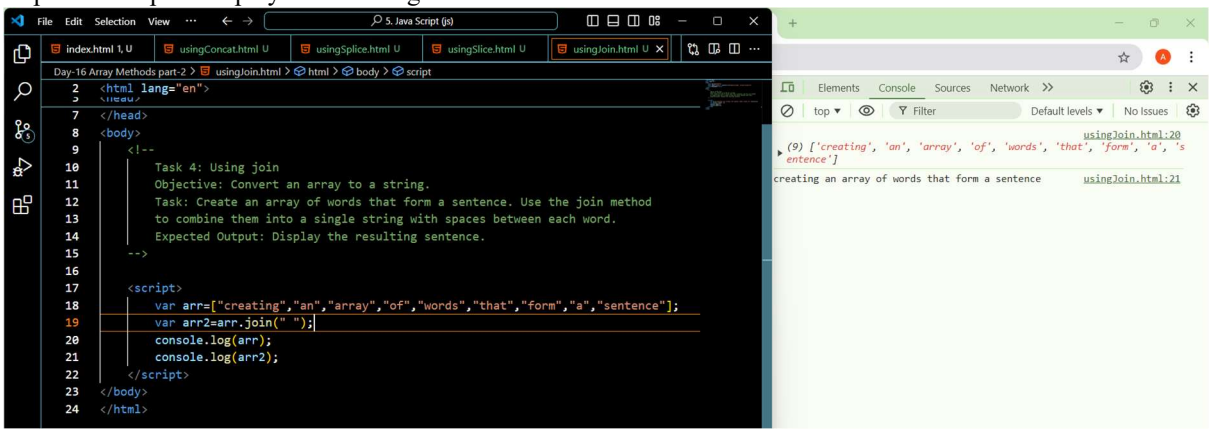


Task 4: Using join

Objective: Convert an array to a string.

Task: Create an array of words that form a sentence. Use the join method to combine them into a single string with spaces between each word.

Expected Output: Display the resulting sentence.



Task 5: Using sort

Objective: Sort the elements of an array.

Task: Create an array of random numbers. Use the sort method to sort the numbers in ascending order.

Expected Output: Display the sorted array.