Most Important Java Arrays and Strings Practice Questions

Practice these important questions for a stronger understanding of key concepts.

Java Arrays - Easy (Top 10 Important Questions)

1. Find the maximum element in an array.
2. Find the minimum element in an array.
3. Calculate the sum of all elements in an array.
4. Reverse an array in-place.
5. Count even and odd numbers in an array.
6. Search for a given element in an array (linear search).
7. Check if an array is sorted in ascending order.
8. Count the frequency of each element in an array.
9. Find the index of a given element.
10. Find the difference between the largest and smallest element.

Java Arrays - Intermediate (Top 10 Important Questions)

1. Find the second largest and second smallest elements in an array.
2. Remove duplicates from an array.
3. Rotate an array k times to the right.
4. Find the missing number in an array from 1 to N.
5. Merge two sorted arrays into a single sorted array.
6. Find the intersection of two arrays.
7. Move all zeroes to the end of the array.
8. Find the pair of elements that sum up to a given target (Two Sum problem).
9. Find the subarray with the maximum sum (Kadane's algorithm).
10. Implement binary search on a sorted array.

Java Strings - Easy (Top 10 Important Questions)

1. Count the number of vowels and consonants in a string.
2. Reverse a string.
3. Check if a string is a palindrome.
4. Count the number of words in a string.
5. Remove all whitespace from a string.
6. Replace all occurrences of a character in a string.
7. Count the frequency of each character in a string.
8. Compare two strings without using equals().
9. Remove all special characters from a string.
10. Find the first occurrence of a character in a string.

Java Strings - Intermediate (Top 10 Important Questions)

1. Remove duplicates from a string.
2. Check if two strings are anagrams.

3. Find the first non-repeating character in a string.
4. Count the number of occurrences of a substring.
5. Reverse each word in a sentence without changing word order.
6. Find the longest palindrome substring in a string.
7. Find all permutations of a string.
8. Check if a string is a rotation of another string.
9. Find the most frequent word in a sentence.
10. Find the longest common prefix among an array of strings.