

Suresh Bishnoi

@bishnoisuresh

LinkedIn: [bishnoisuresh](#)

1. **Separate odd and even numbers in a list of integers:**
[Hint]: Use a loop to iterate over the list and apply a modulo operation (% 2) to separate odd and even numbers.
2. **Remove duplicate elements from a list:**
[Hint]: Traverse the list while adding elements to a collection that ensures uniqueness, like a Set, and then convert it back to a list.
3. **Find the frequency of each character in a string:**
[Hint]: Iterate through the string and use a map-like structure to count occurrences of each character.
4. **Find the frequency of each element in an array or a list:**
[Hint]: Traverse the array or list, and store the count of each element in a map structure.
5. **Sort a given list of decimals in reverse order:**
[Hint]: Sort the list using a custom comparator to order elements in descending order.
6. **Join a list of strings with '[' as prefix, ']' as suffix, and ',' as delimiter:**
[Hint]: Concatenate strings using a loop or a StringBuilder while appending the specified prefix, suffix, and delimiter.
7. **Print the numbers from a given list of integers that are multiples of 5:**
[Hint]: Check divisibility of each number using the modulo operation (% 5 == 0) and print matching numbers.
8. **Find the maximum and minimum of a list of integers:**
[Hint]: Traverse the list while maintaining two variables to track the current maximum and minimum.
9. **Merge two unsorted arrays into a single sorted array:**
[Hint]: Combine the two arrays into a larger array and sort it using sorting algorithms like quicksort or mergesort.
10. **Merge two unsorted arrays into a single sorted array without duplicates:**
[Hint]: Combine the arrays, store the elements in a collection that enforces uniqueness, and then sort the result.
11. **Get the three maximum and three minimum numbers from a given list of integers:**
[Hint]: Sort the list, then extract the first three and last three elements using indexing.
12. **Check if two strings are anagrams or not:**
[Hint]: Sort the characters of both strings and compare the sorted results for equality.
13. **Find the sum of all digits of a number:**
[Hint]: Use a loop to extract each digit using % 10, sum the digits, and reduce the number by / 10.
14. **Find the second largest number in an integer array:**
[Hint]: Iterate through the array while maintaining variables for the largest and second-largest numbers.

Suresh Bishnoi 

@bishnoisuresh

LinkedIn: [bishnoisuresh](#)