DSA QUESTIONS

Strings

1. **Reverse a String: Write a function to reverse a string.**
2. **Check for Palindrome: Write a function to check if a given string is a palindrome (reads the same forwards and backwards).**
3. **Count Vowels and Consonants: Write a function to count the number of vowels and consonants in a string.**
4. **Check Anagram: Write a function to check if two strings are anagrams (contain the same characters in a different order).**
5. **Remove Duplicates: Write a function to remove duplicate characters from a string.**
6. **Find the First Non-Repeated Character: Write a function to find the first character in a string that does not repeat.**
7. **Find All Substrings: Write a function to print all possible substrings of a given string.**
8. **Count the Number of Words: Write a function to count the number of words in a string.**
9. **Check if a String Contains Only Digits: Write a function to check if a string contains only digits.**
10. **Convert String to Lowercase: Write a function to convert a string to lowercase.**
11. **Convert String to Uppercase: Write a function to convert a string to uppercase.**
12. **Find the Length of the Longest Substring Without Repeating Characters: Write a function to find the length of the longest substring that does not contain any repeating characters.**
13. **Find the Most Frequent Character: Write a function to find the character that appears most frequently in a string.**