String based Programming

Q1

WAJP to take a String input and get length of String without using length() method in at least four different ways.

String based Programming

Q2

WAJP to take a String input and count all numeric characters in the String.

String based Programming

Q3

WAJP to take a String input and count all the characters without spaces in the String.

String based Programming

Q4

WAJP to take a String input and count all the characters(excluding any special characters).

String based Programming

Q5

WAJP to take a String input and count all the space characters, uppercase, lowercase, numeric, special characters in the String.

String based Programming

Q6

WAJP to take a String input and count all the vowel characters in the String.

String based Programming

Q7

WAJP to take a String input and print all the indexes where numeric characters are present in the String.

String based Programming

Q8

WAJP to take a String input and print all the indexes where space characters are present in the String.

String based Programming

Q9

WAJP to take a String input and segregate alphabets and numeric digits in any order.

i/p: “a4cdx37d2b”

o/p: “dcaxdb4372”

String based Programming

Q10

WAJP to take a String input and segregate alphabets and numeric digits while maintaining the order of characters.

i/p: “a4cdx37d2b”

o/p: “acdxdb4372”

String based Programming

Q11

Design a method which will accept a String input and return the reverse of the String.

a)By running loop from index 0

b)By running loop from last index

Input: Mohan

o/p: nahoM

Input: Hello Java

o/p: avaJ olleH

String based Programming

Q12

WAJP to take a String input and check whether the String is a Palindrome String or not(with reversing).

String based Programming

Q13

WAJP to take a String input and check whether the String is a Palindrome String or not(without reversing).

String based Programming

Q14

https://leetcode.com/problems/find-first-palindromic-string-in-the-array/description/

String based Programming

Q15

WAJP to take a String input and replace all the space characters from _ in the String.

a)By using replace() method

b)Without using replace() method

String based Programming

Q16

WAJP to check if a string contains only digits.

String based Programming

Q17

Write a program in Java to remove path information from a filename returning only its file component.

i/p: "c:\\JavaProgram\\demo1.txt“

o/p: demo1.txt

String based Programming

Q18

Simplify Path:

https://leetcode.com/problems/simplify-path/description/

String based Programming

Q19

Merge Strings Alternately:

https://leetcode.com/problems/merge-strings-alternately/description/

String based Programming

Q20

A password manager wants to create new passwords using two strings given by the user, then combined to create a harder-to- guess combination. Given two strings, interleave the characters of the strings to create a new string. Beginning with an empty string, alternately append a character from string a and from string b. If one of the strings is exhausted before the other, append the remaining letters from the other string all at once. The result is the new password.

Example :

If a = 'hackerrank' and b = 'mountain',

The result is hmaocuknetrariannk.

String based Programming

Q21

Zigzag Conversion

String based Programming

Q22

WAJP to take a String input and print the sum of all the numeric characters in the String.

String based Programming

Q23

WAJP to take a String input and print sum of all the even numeric characters in the String.

String based Programming

Q24

WAJP to take a String input and remove all the duplicate characters.

i/p: abcaxbdacdptx

o/p: abcxdpt

String based Programming

Q25

WAJP to take a String input and count total number of words in the String(Without using split method)

String based Programming

Q26

WAJP to take a String input and count total number of words in the String(Using split method)

String based Programming

Q27

Write a java program to print the biggest numeric character from the given string.

Return -1 if there is no numeric characters.

String based Programming

Q28

Second largest Number in String:

https://leetcode.com/problems/second-largest-digit-in-a-string/description/

String based Programming

Q29

WAJP to print all the character of the String exactly once(consider only alphabets in Uppercase)

String based Programming

Q30

WAJP to print all the character of the String exactly once(consider only alphabets in lowercase)

String based Programming

Q31

WAJP to print all the character of the String exactly once.

String based Programming

Q32

WAJP to print the frequency of each character of the String.

String based Programming

Q33

WAJP to print all the character which has appeared exactly once in the String.

String based Programming

Q34

WAJP to print all the character which has appeared more than once in the String.

String based Programming

Q35

WAJP to print the character which is appeared only once in the String. Given that only one character has appeared once in the string.

String based Programming

Q36

WAJP to print the character which is appeared for the maximum times in the String.

String based Programming

Q37

WAJP to print the character which is appeared for the maximum times in the String.

If more than 1 character has appeared for maximum time, return the smallest character.

String based Programming

Q38

WAJP to print the character which is appeared for the maximum times in the String.

If more than 1 character has appeared for maximum time, return the biggest character.

String based Programming

Q39

Design a method which will return the index of first non-repeating character of the String. Return -1 if no such character is found.

https://leetcode.com/problems/f...character-in-a-string/descript...

String based Programming

Q40

Given a sting , return the character that appears the minimum number of times in the string. The string will contain only ascii characters, from the ranges (“a”-”z”,”A”-”Z”,0-9), and case matters . If there is a tie in the minimum number of times a character appears in the string return the character that appears first in the string.

Sample Input: cdadcda
Sample Output: c
Explanation:
c and a both are with minimum frequency. So c is the answer because it comes first.

String based Programming

Q41

Given a string of Size N containing digits from 1 to N+1 where any one digit is missing.

Print the missing digit.

String s="36521";

Output: 4

String based Programming

Q42

WAJP to find weather a string is ANAGRAM or not?

https://leetcode.com/problems/valid-anagram/description/

String based Programming

Q43

Q16. WAJP to find weather a string is PANAGRAM or not?

https://leetcode.com/problems/check-sentence-is-pangram/description/

String based Programming

Q44

Largest Number:

https://leetcode.com/problems/largest-number/description/?envType=problem-list-v2&envId=array

String based Programming

Q45

WAJP To Check If A String Is Substring Of Another String or NOT.

String based Programming

Q46

Longest Substring Without Repeating Characters

String based Programming

Q47

Longest Palindromic Substring

String based Programming

Q48

Backspace String Compare:

https://leetcode.com/problems/backspace-string-compare/description/

String based Programming

Q49

Adding Spaces to a String:

https://leetcode.com/problems/adding-spaces-to-a-string/description/

String based Programming

Q50

Rearrange Spaces Between Words:

https://leetcode.com/problems/rearrange-spaces-between-words/description/

String based Programming

Q51

WAJP for below requirements:

i/p: “ab cdef g hi jklm”

o/p: “ml kjih g fe dcba”

String based Programming

Q52

Reverse Only Letters

String based Programming

Q53

Word Break:

https://leetcode.com/problems/word-break/description/

String based Programming

Q54

WAJP for below requirements:

i/p: mohan and sohan are here.

o/p: mohan

and

sohan

are

here

String based Programming

Q55

WAJP for below requirements:

i/p: mohan and sohan are here.

o/p: nahom dna nahos era ereh

String based Programming

Q56

WAJP for below requirements:

i/p: mohan and sohan are here.

o/p: here are sohan and mohan

i/p: Hello Java

o/p: Java Hello

String based Programming

Q57

Reverse Words in a String

String based Programming

Q58

WAJP for below requirements:

i/p: mohan and sohan are here.

o/p: nahom dna nahos era ereh.

String based Programming

Q59

Reverse Words in a String III

String based Programming

Q60

Reverse String

String based Programming

Q61

Reverse String II

String based Programming

Q62

Reverse Prefix of Word

String based Programming

Q63

Expand Compressed String

Input: A string s in the format: alternating characters and numbers (e.g., A4B2C3).

Output: A string where each character is repeated the n of times specified.

Example:Input: "A4B2C3“

Output: "AAAABBCCC"

String based Programming

Q64

Decode String

String based Programming

Q65

WAJP to get sum of all numbers available in the String:

i/p: ab45cde20xyz5pq40dd.

o/p: 110 (45+20+5+40)

String based Programming

Q66

WAJP take a String input and print and count all the words which has even number of characters.

String based Programming

Q67

WAJP take a String input and print and count all the words which has odd number of characters.

String based Programming

Q68

WAJP take a String input and print the largest word in the String.

String based Programming

Q69

WAJP to convert the first character of each word of a String into upper case.

String based Programming

Q70

WAJP to convert the first character of each sentence of a String into upper case.

String based Programming

Q71

WAJP to take a String input and convert all the lowercase characters to uppercase.

String based Programming

Q72

Sort Characters By Frequency

https://leetcode.com/problems/sort-characters-by-frequency/description/

String based Programming

Q73

https://leetcode.com/problems/check-if-all-characters-have-equal-number-of-occurrences/description/

String based Programming

Q74

WAJP to print the frequency of each words in a string.

String based Programming

Q75

WAJP to print the first character of each word in the String.

String based Programming

Q76

WAJP to print and count all the words which has appeared only once in the String.

Input: mohan is coming and sohan is coming
Output:
mohan
coming
and
sohan

Total words: 4

String based Programming

Q77

WAJP to print and count all the duplicate words in the String.

Input: mohan is coming and sohan is coming

Output:

is

coming

Total words: 2

String based Programming

Q78

WAJP to print the word which has appeared for maximum times in the String.

Input: mohan is coming and sohan is coming is good

Output:

is

String based Programming

Q79

WAJP to count the occurrence of a particular word in the String.

Input: mohan is coming and sohan is coming

“is”

Output:

The word “is” has appeared 2 times

String based Programming

Q80

WAJP to remove duplicate words from the String.

Input: mohan is coming and sohan is coming

Output: mohan is coming and sohan

String based Programming

Q81

WAJP to perform sorting for a group of Strings.

String[] str={“mohan”, “john”, “rohan”, “sohan”};

String based Programming

Q82

WAJP to convert the first character of each sentence to upper case and all the other character of string into lower case.

String based Programming

Q83

WAJP to exchange a given input with target input(fg with cd).

Input: abcdefgh

Output: abfgecdh

String based Programming

Q84

What is the purpose of String[] args in main method.

String based Programming

Q85

WAJP to convert any four digit NUMBER into WORDS.

String based Programming

Q86

https://leetcode.com/problems/valid-palindrome/description/

String based Programming

Q87

https://leetcode.com/problems/find-the-closest-palindrome/description/

String based Programming

Q88

Valid Parentheses:

https://leetcode.com/problems/valid-parentheses/description/

String based Programming

Q89

Find the Index of the First Occurrence in a String:

https://leetcode.com/problems/find-the-index-of-the-first-occurrence-in-a-string/description/

String based Programming

Q90

WAJP to Extract Domain Name From Email Address.

Input: test_str = ‘mohan123@gmail.com’

Output: gmail.com

String based Programming

Q91

Find Unique ID and Domain Name of a Website from a string.

Input: S = “We thank ABCDE1234F for visiting us and buying products item. For more offers, visit us at www.amazon.com”

Output:

ID = ABCDE1234F

Domain = amazon.com

String based Programming

Q92

Find Unique ID and Domain Name of a Website from a string.

Input: S = “We thank ABCDE1234F for visiting us and buying products item. For more offers, visit us at www.amazon.com”

Output:

ID = ABCDE1234F

Domain = amazon.com

String based Programming

Q93

Get Domain Name From Given URL in Java.

String based Programming

Q94

Valid Name or NOT.

String based Programming

Q95

Valid UserName or NOT.

String based Programming

Q96

Valid Email or NOT.

String based Programming

Q97

Valid Password or NOT.

String based Programming

Q98

WAJP to Find All the Permutations of a String.

Input: abc

Output:

abc
acb
bac
bca
cab
cba