

ZOHO L2 QUESTIONS - STRINGS

1. Write a program to get the output:

Input: a1b10

Output: abbbbbbbbbb

Input: b3c6d15

Output: bbbccccccdddddcccccccccc

2. Compression of String

Input: AAABBC

Output: A3B2C (or) A3BBC

Input: AAABBCCCDE

Output: A3B2C3DE (or) A3BBC3DE

3. Write a program for the following.

Input: 1213

Output: One Thousand Two Hundred and Thirteen

Input range: 0-99999

4. Compare 2 equal length strings and find the mismatched pair of strings

Input:

```
str1 = "antonyandcleopatra"
```

```
str2 = "antaniandcleapadra"
```

```
compare(str1,str2)
```

Output:

o , a

y , i

o , a
t , d

Input:

```
str1 = "abcddefgikom"  
str2 = "abdcdeffgklm"  
compare(str1,str2)
```

Output:

cd , dc
gi , fg
o , l

5.Justify the Text:

Input :

Text = Zoho_Corp_Madurai //(length is 17)
Padding = 25

-Space between the strings should be evenly distributed.

Output : Zoho__Corp__Madurai //(lenth is 25)

6.Palindrome

Rule: Skip the special characters (!@#\$%^&*)

Input : m a l a y a l a m

Output: True

Input : m @ a l a \$ \$ y * a & l a m (malayalam)

Output: True

Input : S o m e t h i n g

Output: false

7. Permutation:

For a given string, find all its permutations without repetition

Input : Good

Output : Good , Godo , Gdoo , dooG , doGo , dGoo , oGdo , oGod , ...

8. String Mismatched Substrings

For a given string, find all mismatched substrings

Input : AABBCDD, ABCDCCAD

Output : ABB , BCD

D , A

9. Print the vowels count in the given String.

Input: India

Output:

a : 1

e : 0

i : 2

o : 0

u : 0

10. Print the next Palindrome number for the given input.

Input: 123

Output: 131

Input: 12345

Output: 12421

Note: Don't use Brute Force Method

*****ALL THE BEST*****

