

ZOHO RECRUITMENT PROCESS(LEVEL 2)

1.print the next big number of the number in array

input array={ 8,1,4,6,9,5 }

output=8->9 ,1->4 ,4->5 ,6->8 ,9-> ,5->6

2.using recursive function

convert binary number to decimal number

input=110110

output=54

input=100

output=4

(without using power function or power concept)

3.Reverse a string **without changing the positions of spaces and characters**. Reverse only letters and number.

input1= i! love: zoho

output1=o! hoze: voli

input2 =house! is: located@ Ind91.

output2=i9ndI! de: tacolsi@ esuoh.

4.print the max sum of continuous positive numbers and also the elements in an array

array{-8,11,15,-10,12,17,19,-1}

output: max sum=48 elements={12,17,19}

array{1,-8,7,8,9,-10,32,-11}

output: max sum=30 elements={30}

5.Write a program to form lines using the given set of words. The line formation should follow the below rules.

- I. Total characters in a single line excluding the space between the words and the favorite character should not exceed the maximum number
- II. Favorite character is case insensitive, i.e,if the favorite is specified as 'd' then both 'd' and 'D' should be left out while counting.
- III. Words should not be broken up. Complete words alone should be used in a line. A word should be in one line only

Input:

Max char per line:10

Favorite character:o

Words: zoho,Eating,Watching,pogo,Loving,Mango

Output:

Watching zoho(10)

Eating Mango(10)

Loving pogo(7)

Input:

Max char per line:15

Favorite character:w

Words: Twinkle,Twinkle,little,star,how,I,wonder,what,you,are

Output:

Twinkle Twinkle what(15)

little wonder star(15)

you are how I(9)