

//algorithms for coding rounds

//1 --- count the number of vowels in given string  
//2 --- find largest number in array  
//3 --- find second largest number in array  
//4 --- reverse string  
//5 --- find duplicate value of an array  
//6 --- remove duplicate value of an array  
//7 --- swap two number without using third variable  
//8 --- check two string are anagram or not  
//9 --- what is the factorial of a number  
//10 --- check if a number is palindrom or not  
//11 --- find the common elements from two array  
//12 --- count the repeated character in given string  
//13 --- find the first non repeated character in a string  
//14 --- find the first repeated character in string  
//15 --- print all duplicated character in string  
//16 --- maximum consecutive repeating character in string  
//17 --- check whether a given number is even or odd  
//18 --- check wheter a given number is prime or not  
//19 --- write a program generate a fibonacci series  
//20 --- calculate the power of number  
//21 --- sort array in assending order  
//22 --- sort array in decending order  
//23 --- find the count of subString  
//24 --- check one string exist and contains another string  
//25 --- if sum of any two element in array result given by value n  
//26 --- given two unsorted array find all pair from both arrays whose sum is equal to x  
//27 --- given an array find if there is a triplet in the array whose sum is equal to x  
//28 --- write a custom filter  
//29 --- find missing numbers in array  
//30 --- count occurances of their range result given value x  
//31 --- reverse string also first character uppercased and last character lowercased  
//32 --- fizzbuzz algorithm  
//33 --- check paranthesis is valid or not  
//34 --- given two string check is equal that string contains # bacsplaces for example "a##c","#a#c"  
//35 --- Kadane algorithms largest sum of an array, //maximum product subarray  
//36 --- Move all zeros to end of the array  
//37 --- move all zeros to start of the array  
//38 --- sort an array that contains element 0s, 1s, 2s dutch national flag problem  
//39 --- reverse words in given string

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//40 --- longest sub string palindrom  
//41 --- Elements print greater than previous and next element in an Array  
//42 --- //NGE algorithm print next greater element in array  
//43 --- in didgit replace all zero to target  
//44 --- sum of didgit without convert string
```