Note: use of inbuilt function is not allowed.

Topic String:-

1) Create a program in which two string is input by the user. Vowel of first string should be replace one by one second string consonant. If consonant of second string remaining all should be concat to end of first string. If all vowel of first string are not replaced you have to replace them by (underscore) _.
2) A string is enter by user say "The Golden Ball". Another string is enter by the user. You have to find the second string is are present in first string or not.
3) WAP to replace all small letter by capital and capital by small.
4) WAP to print the sum of digit of each alphabets. Digit equal to a-A 1, b-B 2 and so on. If user has enter ABc sum will be 6.
5) WAP in which name of person is passed to main function and you have arrange all names by their length.
6) WAP to implement split function by you.
7) WAP to implement stack of String. A stack in which you can push and pop element from only one side.

Topic Array:

1) WAP to find third minimum number from list of numbers.
2) WAP to remove duplicate numbers from list of numbers.
3) WAP to create a dynamic array. Dynamic Array means when user want to input the number more than size of array it will increase the size of array without throwing exception.
4) An Array contain the n numbers you have to find out combination which satisfy Pythagoras Template. (Pythagoras templates:- 3*3+4*4==5*5)
5) An Array Contain different numbers you have to find sum of digits of each number how many are even, odd, perfect and prime.
6) An array contains different numbers. You have to calculate average of two consecutive numbers.
7) WAP to find the LCM and HCF of array numbers.
8) You are given a sequence of Character in the form of Array. Now you have to put all vowels and consonants together in the array.
9) User will enter the different numbers. You have arrange numbers on the basis of their difference between two numbers. s
10) You are having array of numbers. Now you have to arrange numbers in array on the basis of the length of each number. Smallest number length will be first and so on.
11) WAP to remove the String which is not palindrome string from the array of String.
12) WAP to sort array on the basis of unit place. For example we are having following numbers:- 10,2,3,41,12,13,19,81,9,100. Output will be 10,100,41,81,2,12,3,13,19,9.