



THE HYDERABAD PUBLIC SCHOOLTM

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Question I

Write a program that takes a character as an input and checks, if the character is a vowel or a consonant. Allow the user to enter repeatedly until the user enters a digit. Finally print the no. of vowels and the no. of consonants.

Question II

Write a program to store the names of any 10 Items in a String type array along with their Price in an integer array. Sort the elements in Ascending Order of their Price using Bubble Sort Technique and display the Item names along with their price after sorting.

Sample Input/Output:

Input

Array 1 =	Pen	Scale	Notebook	Eraser	(Items)
Array 2 =	30	15	80	10	(Price)

Output:

Array 1 =	Eraser	Scale	Pen	Notebook
Array 2 =	10	15	30	80

Question III

Write a program to input positive integer elements into an array of size 20 and perform the following operations:

- Display all Prime numbers and their sum
- Display all Odd numbers and their product
- Display the count of even numbers
