

Q1. Apply the Jagged Array Concept to the following array representation. The Following Jagged array stores the details of quantity of 4 different products on 5 different days. Find out the total quantity of all products in all the days

10	9	8	
7	5	6	88
30	15		
90			
10	20	30	40

Q2. Write a Program to find the total sales of last 3 years month sales of four different products of a company using multidimensional array

		Month			
Years	Product				
	4,585	14,496	56,447	7,248	
	2,347	19,868	5,596	9,934	
	2,347	50,402	23,793	5,201	

Q3.1. Write a Java program to a.print a string entered by user. b.To input and display the sentence "I love VIT". c.to find the length of the string "Computer". d to check if the letter 'e' is present in the word 'wonderful'. e to check if the word 'chance' is present in the "Place to learn and a chance to grow". f.to find the first and the last occurrence of the letter 'e' and character ',' in "Hello, World".

Q3.2. Develop a java program that takes your full name as input and displays the abbreviations of the first and middle names except the last name which is displayed as it is. For example, if your name is Robert Brett Roser, then the output should be R.B.Roser.

Q3.3 Write a program to find the number of vowels, consonents, digits and white space characters in a string.

Q3.4. Input a string of alphabets. Find out the number of occurrence of all alphabets in that string. Find out the alphabet with maximum occurrence.