1. Write a Java code segment to input a character from user. [4]
2. Write a Java code segment that stores the **even** factors of an input number, n in an array. The numbers which divide a number, n, are called the factors of n. For example, when n = 10, the list of **even** factors is {2, 10}. [8]
3. Write a Java program that creates a 2D array of integers with 5 rows and random number of columns in each row (between 3 to 5). Initialize the with some random numbers between 11 to 20. Now, display the sum of elements by column. [8]