1. Write a program that computes the standard deviation of n integers. The first line of input is the number of integers n. Then follows n integers.
2. Write a program that takes a string (array of characters) and checks if it is a palindrome or not.
3. Write a program to sort an array of integers.
4. Write a program to find out second maximum element in an array of integers.
5. Write a program that finds out the average difference from the maximum value of an array of elements.