

OOPS Assignment - 2

1. You are given an array of unsorted positive numbers from 1 to n such that all the number from 1 to n are present except one number. Write a program to find the missing number.
2. Write a program to multiply two matrices.
3. Write a program to find the sum, mean, variance and standard deviation of given array of N elements
4. Write a program to sort the elements using merge sort.
5. Write a program to sort the elements using quick sort.
6. Write a program to compute the sum and mean of the elements of a two dimensional array.
7. Write a program to count the total number of non-zero elements in a two dimensional array.
8. Write a program to input integer elements to two dimensional array. Then from this array make two arrays: one that stores all odd elements of the two dimensional array and other stores all even elements of the array.
9. Write a program that reads a matrix and display the sum of diagonal elements.
10. Write a program to count the number of vowels in a given string.
11. Write a program to convert characters of a string to lower case.
12. Write a program that reads your name and displays the ASCII value of each character of your name.
13. Write a program to check whether given string is palindrome or not.
14. Write a program to sort the names of n students.
15. Write a program to enter a text. Then enter a pattern and count the number of times the pattern is repeated in the text.