

Array Programs

1. Write a program to take an array and print the first and last element.
2. Write a program to take an array from the user and find:
 - a. The sum of the array.
 - b. The average of the array.
3. Write a program to print the sum of elements at even positions in an array.
4. Write a program to reverse an array.
5. Write a program to copy an array into another array.
6. Write a program to take an array and find the greatest (maximum) element.
7. Write a program to take an array and find the smallest (minimum) element.
8. Write a program to sort (arrange) the elements of an array in increasing order.
Input: 22 5 6 88 9
Output: 5 6 9 22 88
9. Write a program to sort (arrange) the elements of an array in decreasing order.
Input: 22 5 6 88 9
Output: 88 22 9 6 5
10. Write a program to find the second highest element in an array without sorting.
11. Write a program to find the second smallest element in an array without sorting.
Input: 22 5 6 88 9
Output: 6
12. Write a program to find all missing numbers from 1 to 100 in an array.
Example Array: {22, 17, 4, 66, 8, 2, 87}
13. Write a program to find prime numbers from the given array:
Example Array: {13, 4, 56, 32, 99, 11}
14. Write a program to print an array in the following sequence:
Output: 1, 2, 5, 10, 17
15. Write a program to check whether a given element is present in an array or not.

Multidimensional Array

- 1.WAP to print the sum of two matrix?
- 2.WAP to print the subtraction of the two matrix?
- 3.WAP to print Transpose matrix?