

■ Array Practice Questions (7 to 14)

7. Take an array of 8 integers from the user. Write a program that prints only the even numbers from the array and also prints their count.
8. You have an array of 10 integers. Write a program to find the second largest number in the array. (Do not sort the array; try to solve it using logic with comparisons.)
9. Create an array of 10 integers where the user enters the values. Write a program to reverse the array in place (without using another array) and then print the updated array.
10. You are given an array of 6 integers. Write a program that prints the sum of all elements at even indexes (index 0, 2, 4, ...). Also print the sum of all elements at odd indexes.
11. Suppose you store the marks of 5 students in an array. Write a program that calculates and prints the total marks, average marks, and highest marks among them.
12. You are given an array of 7 integers. Write a program to find the frequency of each element in the array (i.e., how many times each number occurs).
13. Create an array of 10 integers. Write a program to shift all elements to the right by one position, so the last element becomes the first. For example: {1,2,3,4} \rightarrow {4,1,2,3}.
14. You are given an array of 10 integers entered by the user. Write a program that finds the largest and smallest numbers in the array and prints both.