



## **Practicing Arrays Programs - III**

1. Write a program in C to rotate an array by N positions
2. Write a program in C to find the Floor and Ceil of the numbers 0 to 10 from a sorted array.
3. Write a program in C to print the next greater elements in a given unsorted array. For elements for which no greater element exist, consider the next greater element as -1
4. Write a program in C to find if a given integer x appears more than  $n/2$  times in a sorted array of n integers.
5. Write a program in C to move all zeroes to the end of a given array.
6. Write a program in 'C' to Pair with the given sum in a sorted array
7. Write a program in 'C' to find the sum of a 3x3 matrix using Pointers
8. Write a program in 'C' to find the multiplication of 3x3 matrix using Pointers
9. Write a program in 'C' to transpose a matrix using pointer
10. Write a program in 'C' to find the sum of all the diagonals in a matrix using a pointer