# DAY 9 (ARRAY-PART:2)

1. Write a program in C to read an array and search for an element using linear search.
2. Write a program in C to read a sorted array and search for an element using linear search.
3. Write a program in C to read a sorted array and search for an element using binary search.
4. Write a program in C to find duplicate elements and print frequency of every duplicate element in an array.
5. Write a program in C to delete all duplicate elements present in an array.
6. Write a function in C to read an array and sort array elements using (a) selection sort (b) Insertion sort (c) Bubble sort in ascending order.
7. Write a program in C to merge two unsorted arrays.
8. Write a program in C to merge two sorted arrays.