🡪Easy 🡪Medium 🡪Hard

**Practical 3-4** (Topic:Sorting and Searching)

**Class-work:**

* Write a program to create menu-driven program to searching an element and sorting in array.

**Home-work:**

1. Write a program to implement insertion sort in descending order.
2. Write a program to implement selection sort in descending order.
3. Write a program to implement bubble sort in descending order.
4. Write a program to implement bubble sort in efficient manner (i.e sorting stops if list is already sorted)
5. Write a program to implement binary search if you are given list of unsorted array.
6. Write a program to sort each row in 2-D array.
7. Write a program to implement binary search on character type array.
8. Write a program to find the smallest element in each column of array.
9. Write a program to print the elements of an array in the decreasing frequency. If 2 numbers have same frequency then print the one which came first along with index value.
10. Write a program to sort even-columns in ascending order and odd-columns in descending order in 2-D array.