**SHEET- 16**

**Sorting**

**1.** Given an unsorted array of n integers, write a program to sort the array using **bubble sort**.

**2.** Given an unsorted array of n integers, write a program to sort the array using **selection sort**.

**3.** Given an unsorted array of n integers, write a program to sort the array using **insertion sort**.

**4.** Write a program to perform **bubble sort** on array of n integers and display the result after kth iteration.

**5.** Write a program to perform **selection sort** on array of n integers and display the result after kth iteration.

**6**. Write a program to perform **insertion sort** on array of n integers and display the result after kth iteration.