Task No 01: Which type of sorting do you want to apply? Create a menu using methods having the following options:

1. Bubble Sort Method
2. Selection Sort Method
3. Insertion Sort Method

Solution:

Output:

Task No 02: Implement Selection sort and print string array data in descending order.

Solution:

Output:

Task No 03: A Detox chemical Industry has a list of chemicals along with their concentration and Volume. Your task is to list down the name of chemicals in descending order based on their Volume. To fulfil the task, you must select any of the sorting method taught in today’s lab with proper reasoning of usage of that algorithm.

Solution:

Output:

Task No 04: Write a program which takes input from the user and places the value on correct location in ascending order.

Solution:

Output:

Task No 05: Write a program which takes N numbers of grocery items from user along with their price. Your main task is to display the items in sorted format. Then allow user to search for any of the item from that list by using name of the item.

Solution:

Output: