1. **Online Sorting with Insertion Sort:** Write a program that implements insertion sort in such a way that the user enters the elements one by one. After each insertion, the program should keep the array sorted.
   Input: First, the user enters an integer n – the number of elements to insert. Then, the user enters n integers one by one.
   Output: After each insertion, print the current sorted array.
   Example
   Input: 5
   4 2 7 1 3
   Output:
   After inserting 4: 4
   After inserting 2: 2 4
   After inserting 7: 2 4 7
   After inserting 1: 1 2 4 7
   After inserting 3: 1 2 3 4 7

2. **Dynamic Number Insertion with Sorting:** You are asked to design a program that continuously accepts numbers from the user and maintains a sorted list after each insertion. After entering a number, the program should display the current sorted list.
   Then, it must ask the user:
   Do you want to insert another number? (y/n):
   If the user enters y or Y, the program should allow them to input another number.
   If the user enters anything else (like n), the program should stop and print the final sorted array.

   Input: The user enters integers one by one.
   After each input, the program asks whether to continue.

   Output: After every insertion, print the sorted array.
   At the end, print the final sorted array.