**Roll No: 04**

**Name: Badhe Rohan Vikas**

**Assignment No: 11**

**Assignment Name : Write a python program for use of Bubble sort algorithm to sort the given list.**

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def bubbleSort(arr):

    n = len(arr)

    for i in range(n):

        for j in range(0, n - i - 1):

            if arr[j] > arr[j + 1]:

                temp = arr[j]

                arr[j] = arr[j+1]

                arr[j+1] = temp

                #arr[j], arr[j + 1] = arr[j + 1], arr[j]

arr = [2, 1, 100, 23, 25, 50]

bubbleSort(arr)

print("Sorted array is:")

for i in range(len(arr)):

    print("%d" % arr[i])

Output :

Sorted array is:

1

2

23

25

50

100