**PYTHON PROGRAM 1:**

**Python Program for Bubble Sort.**

def bubbleSort(arr):

n = len(arr)

for i in range(n-1):

for j in range(0, n-i-1):

if arr[j] > arr[j+1] :

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

arr = [64, 34, 25, 12, 22, 11, 90]

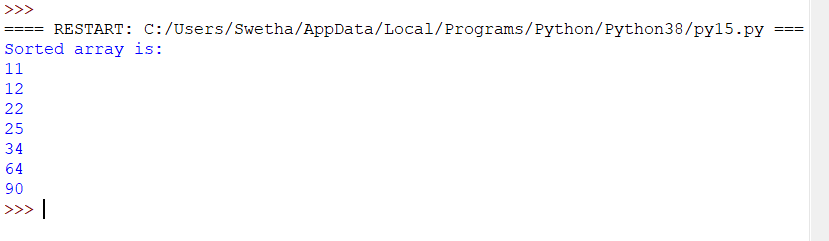
bubbleSort(arr)

print ("Sorted array is:")

for i in range(len(arr)):

print ("%d" %arr[i])

**OUTPUT:**

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