1. Perform Bubble sort using function in python.
2. def bubbleSort(a):

n = len(a)

for i in range(n-1):

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

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

a[j], a[j+1] = a[j+1], a[j]

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

bubbleSort(a)

print ("Sorted array is:")

for i in range(len(arr)):

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

2) Perform Selection sort using function in python.

1. for i in range(len(A)):

min\_idx = i

for j in range(i+1, len(A)):

if A[min\_idx] > A[j]:

min\_idx = j

A[i], A[min\_idx] = A[min\_idx], A[i]

print ("Sorted array")

for i in range(len(A)):

print("%d" %A[i]),

3) Perform Insertion sort using function in python

1. def insertionSort(arr):

for i in range(1, len(arr)):

key = arr[i]

j = i-1

while j >=0 and key < arr[j] :

arr[j+1] = arr[j]

j -= 1

arr[j+1] = key

arr = [12, 11, 13, 5, 6]

insertionSort(arr)

print ("Sorted array is:")

for i in range(len(arr)):

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