

```
1
2 def insertionSort(arr):
3
4
5     for i in range(1, len(arr)):
6
7         key = arr[i]
8         j = i-1
9         while j >=0 and key < arr[j] :
10             arr[j+1] = arr[j]
11             j -= 1
12         arr[j+1] = key
13
14
15
16 arr = [12, 11, 13, 5, 6]
17 insertionSort(arr)
18 print ("Sorted array is:")
19 for i in range(len(arr)):
20     print ("%d" %arr[i])
21
22
23
```