

Problem Statement:

Python program for recursive insertion sort

```
def insertionSort(arr,n):  
    if n<=1:  
        return  
    insertionSort(arr,n-1)  
    last=arr[n-1]  
    j=n-2  
    while (j>=0 and arr[j]>last):  
        arr[j+1]=arr[j]  
        j=j-1  
    arr[j+1]=last
```

```
def printArray(arr,n):  
    for i in range(n):  
        print arr[i]
```

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

```
n=len(arr)
```

```
insertionSort(arr,n)
```

OUTPUT:

5

6

11

12

13