SORTING PROGRAMS

BUBBLE SORT

```python
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],end=" ")
```

SELECTION SORT

```python
import sys
A = [64, 25, 12, 22, 11]
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]),
```