Sorting

Bubble Sort

Selection Sort

```
In [8]: Numbers=np.array([10,9,8,7,6,5])
for i in range(0,len(Numbers)-1):
    index=i
    for j in range(i+1,len(Numbers)):
        if Numbers[j]<Numbers[index]:
            index=j
    if Numbers[i] != Numbers[index]:
        temp=Numbers[i]
        Numbers[i]=Numbers[index]
        Numbers[i]=temp</pre>
print(Numbers)

[ 5 6 7 8 9 10]
```

Insertion Sort

```
In [10]: Numbers=np.array([1,67,43,11,58,6])
for i in range(1,len(Numbers)):
    temp=Numbers[i] #8
    index=i #2
    while(index !=0 and Numbers[index-1]>temp):
        Numbers[index]=Numbers[index-1]#
        index-=1
    Numbers[index]=temp

print(Numbers)

[ 1 6 11 43 58 67]
```