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SELECTION SORT PROGRAM

```python
N=int(input("Enter the list length: "))
numlist=[]
for i in range(N):
    data=int(input())
    numlist.append(data)
print("Input List:")
print(numlist,end=" ")
print("\n")
#Ascending Order Sorting

for i in range(len(numlist)):
    min_val=min(numlist[i:])
    min_ind=numlist.index(min_val)

numlist[i],numlist[min_ind]=numlist[min_ind],numlist[i]
print("Ascending Order Sorting List:")
print(numlist,end=" ")
print("\n")


#Descending Order Sorting
for i in range(len(numlist)):
    max_val=max(numlist[i:])
    max_ind=numlist.index(max_val)
```

```python
        numlist[i],numlist[max_ind]=numlist[max_ind],numlist[i]


print("Descending Order Sorting List:")
print(numlist,end=" ")
```