

Section-6Q1Ans

listt = [4, 6, 7, 8]

list1 = listt [:]

list1.sort()

if (list1 == listt):

Print ("items in the list are sorted in ascending order")

elif (list1[::-1] == listt):

Print ("items in the list are sorted in descending order")

else :

Print ("Items in the list are not sorted")

\* Program to find product of matrices

A = [ [12, 7] ]  
[ [8, 6] ]B = [ [ [9, 4] ] ]  
[ [2, 3] ] ]

R1 = len(A)

C1 = len(A[0])

R2 = len(B)

C2 = len(B[0])

```
if (C1 == R2)
    Print ("Matrices can't be multiplied")
```

```
else:
```

```
result = [[0 for i in Range (R1)] for j in
           Range (C2)]
```

```
for i in range (len(A)):
```

```
    for j in range (len(B[A])):
```

```
        for k in range (len(B)):
```

```
            result [i][j] + = A [i][k] * B [k][j]
```

```
for r in result
```

```
    Print (r)
```