Q1

```
C:\Users\INTEX\Desktop\DEEPAK_X.exe                    —   □   ×
Row-wise:
1 2 3
4 5 6
7 8 9
Column-wise:
1 4 7
2 5 8
3 6 9
```

Q2

```
C:\Users\INTEX\Desktop\DEEPAK_X.exe                    —   □   ×
1 2 3 4 5

--------------------------------
```

Q3

```
C:\Users\INTEX\Desktop\DEEPAK_X.exe                    —   □   ×
0 3 2 1

--------------------------------
Process exited after 0.1448 seconds with return value 0
```

Q4

```
C:\Users\INTEX\Desktop\DEEPAK_X.exe                    —   □   ×
1 2 99 3 4 5

--------------------------------
Process exited after 0.1376 seconds with return value 0
```

Q5

```
C:\Users\INTEX\Desktop\DEEPAK_X.exe                    —   □   ×
30 20 10
20 10

--------------------------------
```

Q6

```
C:\Users\INTEX\Desktop\DEEPAK_X.exe                    —    □    ×

Stack: 30 20 10
Popped: 30
Stack: 20 10

--------------------------------
```

Q7

```
C:\Users\INTEX\Desktop\DEEPAK_X.exe                    —    □    ×

Stack: 30 20 10
Popped: 30
Stack: 20 10

--------------------------------
Process exited after 0.1408 seconds with return value 0
```

Q8

```
C:\Users\INTEX\Desktop\DEEPAK_X.exe                    —    □    ×

Queue: 10 20 30
Dequeued: 10
Queue: 20 30

--------------------------------
```

Q9

```
Select C:\Users\INTEX\Desktop\DEEPAK_X.exe             —    □    ×

Inserted: 10
Inserted: 20
Inserted: 30
Queue: 10 20 30

------------------------------_
```

Q10

```
C:\Users\INTEX\Desktop\DEEPAK_X.exe                    —    □    ×

Queue: 10 20 30
Deleted: 10
Queue: 20 30

--------------------------------
Process exited after 0.3418 seconds with return value 0
```

Q11

```
C:\Users\INTEX\Desktop\DEEPAK_X.exe                    —    □    ×
Binary Tree (array form):
1 2 3 4 5

--------------------------------
Process exited after 0.1482 seconds with return value 0
```

Q12

```
C:\Users\INTEX\Desktop\DEEPAK_X.exe                    —    □    ×
Inorder before deletion:
20 30 40 50 60 70 80
Inorder after deleting 20:
30 40 50 60 70 80

--------------------------------
Process exited after 0.1559 seconds with return value 0
```
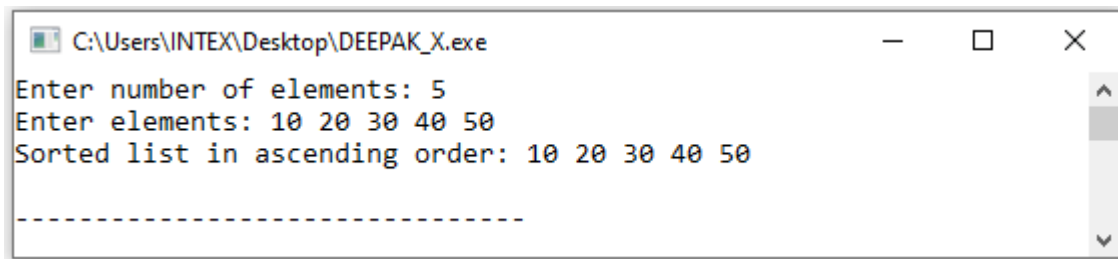
Q13

```
C:\Users\INTEX\Desktop\DEEPAK_X.exe                    —    □    ×
Enter number of elements: 5
Enter elements: 10 20 30 40 50
Enter element to search: 30
Element found at position 3

--------------------------------
```
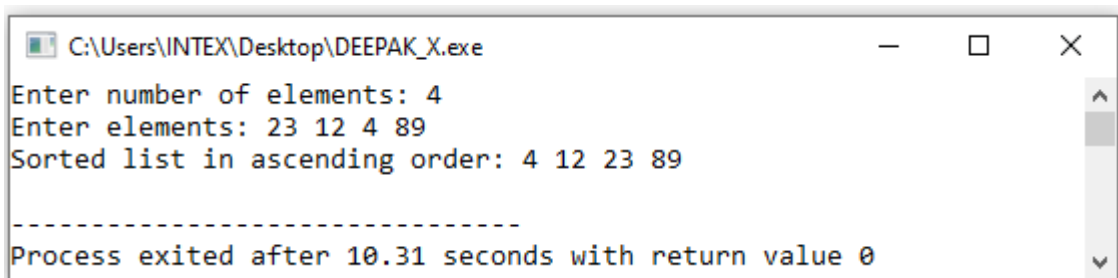
Q14

```
C:\Users\INTEX\Desktop\DEEPAK_X.exe                    —    □    ×
Enter number of elements: 5
Enter elements in sorted order: 10 20 30 40 50
Enter element to search: 30
Element found at position 3

--------------------------------
```
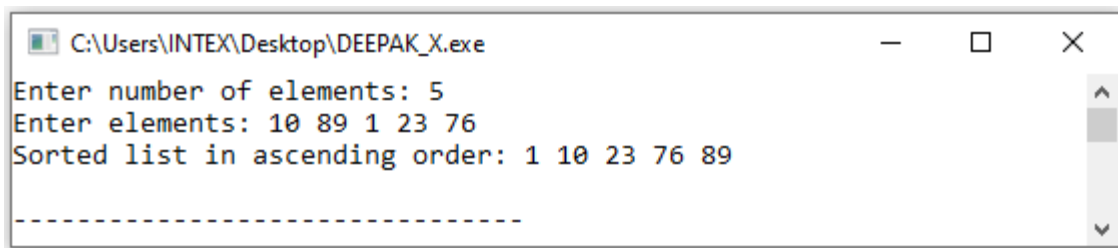
Q15

```
C:\Users\INTEX\Desktop\DEEPAK_X.exe                       —    □    ×

Enter number of elements: 5
Enter elements: 10 20 30 40 50
Sorted list in ascending order: 10 20 30 40 50

--------------------------------
```
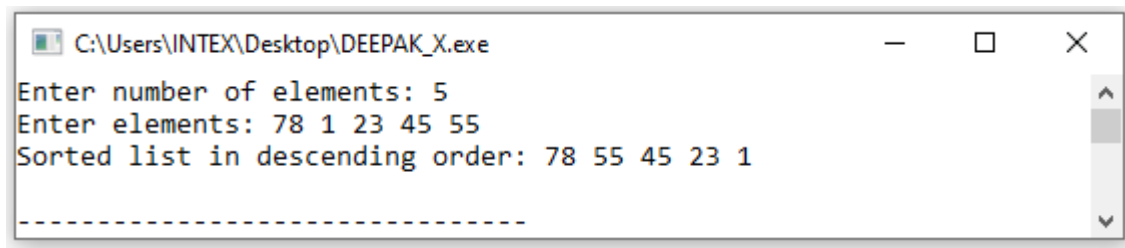
Q16

```
C:\Users\INTEX\Desktop\DEEPAK_X.exe                       —    □    ×

Enter number of elements: 4
Enter elements: 23 12 4 89
Sorted list in ascending order: 4 12 23 89

--------------------------------
Process exited after 10.31 seconds with return value 0
```
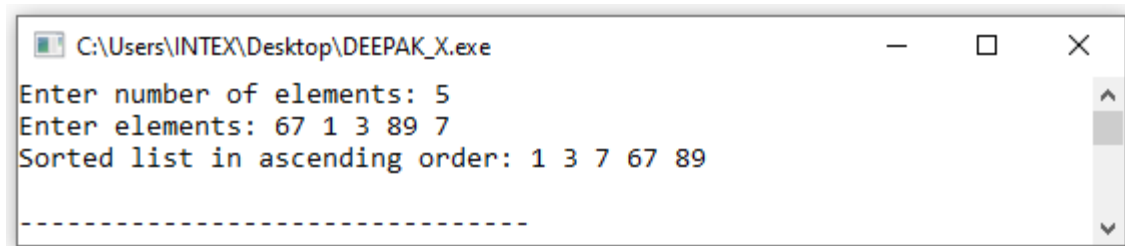
Q17

```
C:\Users\INTEX\Desktop\DEEPAK_X.exe                       —    □    ×

Enter number of elements: 5
Enter elements: 10 89 1 23 76
Sorted list in ascending order: 1 10 23 76 89

--------------------------------
```
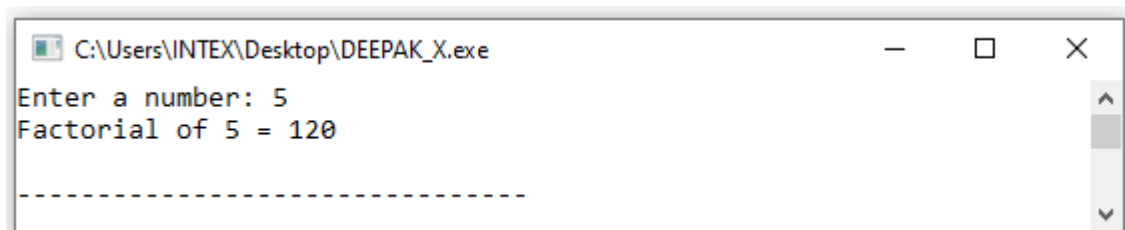
Q18

```
C:\Users\INTEX\Desktop\DEEPAK_X.exe                    —    □    ✕

Enter number of elements: 5
Enter elements: 78 1 23 45 55
Sorted list in descending order: 78 55 45 23 1

-------------------------------
```

Q19

```
C:\Users\INTEX\Desktop\DEEPAK_X.exe                    —    □    ✕

Enter number of elements: 5
Enter elements: 67 1 3 89 7
Sorted list in ascending order: 1 3 7 67 89

-------------------------------
```

Q20

```
C:\Users\INTEX\Desktop\DEEPAK_X.exe                    —    □    ✕

Enter a number: 5
Factorial of 5 = 120

-------------------------------
```