S.No: 6	Exp. Name: *Write a python script to find the largest number among three numbers and display them in ascending order using if-else construct.*	Date:2024-03-17

Aim:

Write a python script to find the largest number among three numbers and display them in ascending order using if-else construct.

Source Code:

large_ascending.py

```python
print("To find largest among  three numbers and display in ascending order")
num1=int(input("Enter first number :"))
num2=int(input("Enter Second number :"))
num3=int(input("Enter Third number :"))
if (num1>num2) and (num1>num3):
    largest=num1
elif (num2>num1) and (num2>num3):
    largest=num2
else:
    largest=num3
print("Largest number is :",largest)
if (num1<num2) and (num1<num3):
    if num2<num3:
        x,y,z=num1,num2,num3
    else:
        x,y,z=num1,num3,num2
elif (num2<num1) and (num2<num3):
    if (num1<num3):
        x,y,z=num2,num1,num3
    else:
        x,y,z=num2,num3,num1
else:
    if (num1<num2):
        x,y,z=num3,num1,num2
    else:
        x,y,z=num3,num2,num1
print("Ascending Order is : [{0}, {1}, {2}]".format(x,y,z))
```

Execution Results - All test cases have succeeded!

Test Case - 1
User Output
To find largest among three numbers and display in ascending order 10
Enter first number : 10
Enter Second number : 20
Enter Third number : 30
Largest number is : 30
Ascending Order is : [10, 20, 30]

Test Case - 2
User Output

To find largest among three numbers and display in ascending order 12
Enter first number : 12
Enter Second number : 25
Enter Third number : 98
Largest number is : 98
Ascending Order is : [12, 25, 98]