S.No: 3	Exp. Name: *Swap two numbers*	Date:2024-08-20

Aim:

Write a Python program that reads two numbers from the user and swaps their values using only two variables.

Source Code:

swapping.py

```python
a=float(input("Enter the first number: "))
b=float(input("Enter the second number: "))
print("Original numbers:")
print("First number:",a)
print("Second number:",b)
temp=a
a=b
b=temp
print("Swapped numbers:")
print("First number:",a)
print("Second number:",b)
```

Execution Results - All test cases have succeeded!

Test Case - 1
User Output
Enter the first number: 2
Enter the second number: 3
Original numbers:
First number: 2.0
Second number: 3.0
Swapped numbers:
First number: 3.0
Second number: 2.0

Test Case - 2
User Output
Enter the first number: -3.5
Enter the second number: 2.5
Original numbers:
First number: -3.5
Second number: 2.5
Swapped numbers:
First number: 2.5
Second number: -3.5