**Write an algorithm to swap two numbers as entered by the user.**

**Algorithm: Swap Two Numbers**

1. **Start**
2. **Input**: Prompt the user to enter the first number (**num1**).
3. **Input**: Prompt the user to enter the second number (**num2**).
4. **Swap:**

* Create a temporary variable **temp**.
* Assign the value of **num1** to **temp**.
* Assign the value of **num2** to **num1**.
* Assign the value of **temp** to **num2**.

1. **Output:** Display the swapped values of **num1** and **num2**.
2. **End.**

**Write pseudo code for swapping 2 numbers.**

**START**

PRINT "Enter the first number: "

READ num1

PRINT "Enter the second number: "

READ num2

temp = num1

num1 = num2

num2 = temp

PRINT "After swapping:"

PRINT "First number: ", num1

PRINT "Second number: ", num2

**END**