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Self-Made Assignment - C Language

Introduction and Declaration of Functions in C Language

Task: Swap Two Numbers Using Pointers

Objective:

Write a C program to swap two numbers using a function with pointers.

Instructions:

Your program should:

1. Ask the user to enter two integer values.
2. Use a function called swap () that takes **two integer pointers** as arguments.
3. Inside the function, use pointer dereferencing to swap the values.
4. Display the values **before and after swapping**.

Resultant Output:

Output

```
Enter first number: 24
Enter second number: 54

Before swapping:
a = 24, b = 54

After swapping:
a = 54, b = 24
```