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Self-Made Assignment - C Language

Do While Loop in C Language

Assignment: Sum of Positive Numbers using do...while Loop

Objective:

Write a C program that repeatedly asks the user to enter positive numbers and calculates their sum. The program should stop when the user enters a **negative number**.

Instructions:

1. Use a do...while loop to continuously prompt the user for input.
2. Add each positive number to a cumulative **sum**.
3. If the user enters a **negative number**, exit the loop.
4. After the loop ends, display the total sum of all positive numbers entered.

Output:

```
Output
Enter a number: 4
Enter a number: 5
Enter a number: 3
Enter a number: 6
Enter a number: -2
Sum of positive numbers = 18
```