**Exercise: Sum of Positive Integers While loop**

*Task:* Write a program that prompts the user to enter positive integers. The program should use a while loop to keep asking for numbers, adding each input to a total sum. If the user enters a negative number, the loop should end, and the program should print the final sum.

*Hint:*

* Initialize an integer variable for the sum (e.g., sum = 0).
* Use a while loop that continues as long as the user enters positive numbers.
* Inside the loop, add the entered positive integer to sum.
* Use an if statement to check if the entered number is negative, breaking the loop if it is.

*Explanation:*

* The while loop lets the program continuously prompt the user to input numbers.
* Each positive input adds to the total sum.
* A negative input triggers the loop to end, so the program can print the accumulated sum.
* This exercise demonstrates using a while loop for user-driven repetition and conditional checks to control the loop's flow.