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// Ch. 8 Demo Program #4
// Various former students authored this program.
// Computer Science Using C++
// Purpose - to explore various of methods for using a definite loop with
//           user input even though an indefinite loop is more suited for the task.

#include <iostream>
using namespace std;

int main()
{
    int userInput = 0;
    int sum = 0;

    for (;;)
    {
        cout << "Enter an integer (-99 to quit): ";
        cin >> userInput;

        if (userInput != -99)
            sum += userInput;
        else
            break;
    }

    cout << "The total is " << sum << endl;

    // *****
    sum = 0;

    for (userInput = 0; userInput != -99; sum += userInput)
    {
        cout << "Enter an integer (-99 to quit): ";
        cin >> userInput;
    }

    cout << "The total is " << sum + 99 << endl;

    // *****
    sum = 0;

    for (userInput = 0; userInput != -99; sum += userInput)
    {
        cout << "Enter an integer (-99 to quit): ";
        cin >> userInput;

        if (userInput == -99)
            break;
    }

    cout << "The total is " << sum << endl;

    return 0;
} // end of main

```