#include <iostream>

using namespace std;

int main()

{

int k, i = 1, sum\_k = 0, number; // sum\_k – переменная для суммы

cout << "Enter the amount of integers to sum = ";

cin >> k;

if (!(cin >> k)) {

cout << "Error: Please enter an integer value!" << endl;

cin.clear();

cin.ignore(numeric\_limits<streamsize>::max(), '\n');

return 1;

}

if (k == 0)

{

cout << "The sum of 0 integers is: 0" << endl;

}

else

{

do

{

cout << "Enter integer nr. " << i << ": ";

cin >> number;

sum\_k += number;

i++;

} while (i <= k);

cout << "The total sum of " << k << " integers is: " << sum\_k << endl;

}

return 0;

}