#include <iostream>

using namespace std;

int main ()

{

int k, i = 1, sum\_k = 0, number;

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

cin >> k;

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;

return 0;

}