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//
// Using the list Template Class
// main.cpp
// AbsoluteCpp_ch19_5
//

//Program to demonstrate the STL template class list.
#include <iostream>
#include <list>
using std::cout;
using std::endl;
using std::list;

int main() {

    list<int> listObject;
    for (int i = 1; i <= 3; i++)
        listObject.push_back(i);

    cout << "List contains:\n";

    list<int>::iterator iter;
    for (iter = listObject.begin( ); iter != listObject.end( ); iter++)
        cout << *iter << " ";
    cout << endl;

    cout << "Setting all entries to 0:\n";
    for (iter = listObject.begin( ); iter != listObject.end( );
        iter++)
        *iter = 0;

    cout << "List now contains:\n";
    for (iter = listObject.begin( ); iter != listObject.end( ); iter++)
        cout << *iter << " ";
    cout << endl;

    return 0;
}

```