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/* The following code example is taken from the book
 * "The C++ Standard Library - A Tutorial and Reference"
 * by Nicolai M. Josuttis, Addison-Wesley, 1999
 *
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 * warranty, and with no claim as to its suitability for any purpose.
 */
#include <iostream>
#include <vector>
#include <list>
#include <algorithm>
using namespace std;

int main()
{
    list<int>    coll1;
    vector<int> coll2;

    // insert elements from 1 to 9
    for (int i=1; i<=9; ++i) {
        coll1.push_back(i);
    }

    // RUNTIME ERROR:
    // - overwrites nonexisting elements in the destination
    copy (coll1.begin(), coll1.end(),      // source
          coll2.begin());                  // destination
    //...
}

```