```cpp
/* The following code example is taken from the book
 * "The C++ Standard Library - A Tutorial and Reference, 2nd Edition"
 * by Nicolai M. Josuttis, Addison-Wesley, 2012
 *
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 */
#include <algorithm>
#include <list>
#include <vector>
#include <deque>
using namespace std;

int main()
{
    list<int>   coll1 = { 1, 2, 3, 4, 5, 6, 7, 8, 9 };
    vector<int> coll2;

    // resize destination to have enough room for the overwriting algorithm
    coll2.resize (coll1.size());

    // copy elements from first into second collection
    // - overwrites existing elements in destination
    copy (coll1.cbegin(), coll1.cend(),    // source
          coll2.begin());                  // destination

    // create third collection with enough room
    // - initial size is passed as parameter
    deque<int> coll3(coll1.size());

    // copy elements from first into third collection
    copy (coll1.cbegin(), coll1.cend(),    // source
          coll3.begin());                  // destination
}
```