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/* 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 "algostuff.hpp"
using namespace std;
int main()
    vector(string) coll1 = { "Hello", "this", "is", "an", "example" };
   list \string \coll2;
   // copy elements of coll1 into coll2
    // - use back inserter to insert instead of overwrite
   // - use copy() because the elements in coll1 are used again
   copy (coll1.cbegin(), coll1.cend(),
                                              // source range
         back inserter (col12);
                                               // destination range
   // print elements of coll2
    // - copy elements to cout using an ostream iterator
    // - use move() because these elements in coll2 are not used again
   cout << endl;
   // copy elements of coll1 into coll2 in reverse order
   // - now overwriting (coll2. size() still fits)
   // - use move() because the elements in coll1 are not used again
                                             // source range
// destination range
   move (coll1. crbegin(), coll1. crend(),
         col12. begin());
   // print elements of coll2 again
    // - use move() because the elements in coll2 are not used again
   cout << endl;
}
```