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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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 * warranty, and with no claim as to its suitability for any purpose.
 */
#include <iostream>
#include <algorithm>
#include <iterator>
#include <string>
using namespace std;

int main()
{
    copy (istream_iterator<string>(cin),          // beginning of source
          istream_iterator<string>(),              // end of source
          ostream_iterator<string>(cout, "\n"));  // destination
}

```