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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 "alghostuff.hpp"
using namespace std;

int main()
{
    vector<int> coll;

    INSERT_ELEMENTS(coll, 1, 9);

    // call print() for each element
    for_each (coll.cbegin(), coll.cend(), // range
              [](int elem) {              // operation
                  cout << elem << ' ';
              });
    cout << endl;
}

```