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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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 */
#include "alghostuff.hpp"
using namespace std;

// function called for each element
void print (int elem)
{
    cout << elem << ' ';
}

int main()
{
    vector<int> coll;

    INSERT_ELEMENTS(coll, 1, 9);

    // call print() for each element
    for_each (coll.begin(), coll.end(), // range
              print);                  // operation
    cout << endl;
}

```