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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 <iterator>
#include <vector>
#include <iostream>

int main()
{
    int vals[] = { 33, 67, -4, 13, 5, 2 };

    // use begin() and end() for ordinary C arrays
    std::vector<int> v(std::begin(vals), std::end(vals));

    // use global begin() and end() for containers:
    std::copy (std::begin(v), std::end(v),
               std::ostream_iterator<int>(std::cout, " "));
    std::cout << std::endl;
}

```