```cpp
/* 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 "algostuff.hpp"
using namespace std;

int main()
{
    vector<int> coll;
    vector<int>::iterator pos;

    INSERT_ELEMENTS(coll,1,9);

    PRINT_ELEMENTS(coll,"coll: ");

    // find first element greater than 3
    pos = find_if (coll.begin(), coll.end(),      // range
                   bind2nd(greater<int>(),3));  // criterion

    // print its position
    cout << "the "
         << distance(coll.begin(),pos) + 1
         << ". element is the first greater than 3" << endl;

    // find first element divisible by 3
    pos = find_if (coll.begin(), coll.end(),
                   not1(bind2nd(modulus<int>(),3)));

    // print its position
    cout << "the "
         << distance(coll.begin(),pos) + 1
         << ". element is the first divisible by 3" << endl;
}
```