```
/* 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 <vector>
#include <algorithm>
#include <iterator>
#include <functional>
#include "fopow.hpp"
using namespace std;
using namespace std::placeholders;
int main()
    vector < int > col1 = \{ 1, 2, 3, 4, 5, 6, 7, 8, 9 \};
    // print 3 raised to the power of all elements
    transform (coll. begin(), coll. end(),
                                                           // source
                 ostream_iterator<float>(cout, ""),
                                                         // destination
                 bind(fopow\langlefloat, int\rangle(), 3, 1));
                                                           // operation
    cout << endl;
    // print all elements raised to the power of 3
    transform (coll.begin(), coll.end(),
                                                           // source
                 ostream_iterator<float>(cout, ""),
                                                           // destination
                 bind(fopow<float, int>(), _1, 3));
                                                           // operation
    cout << endl;
}
```