```
/* 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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 * warranty, and with no claim as to its suitability for any purpose.
#include "algostuff.hpp"
using namespace std;
int main()
   list(int) coll;
    INSERT ELEMENTS (col1, 2, 6);
    INSERT ELEMENTS (col1, 4, 9);
   PRINT ELEMENTS (coll);
   // print all elements with value 5 replaced with 55
   // source
                                                   // destination
                                                   // old value
                                                   // new value
   cout << endl;
   // print all elements with a value less than 5 replaced with 42
   42);
                                              // new value
   cout << endl;
   // print each element while each odd element is replaced with 0
   cout << endl;
}
```