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

int main()
{
    vector<int> coll;

    INSERT_ELEMENTS(coll,1,9);

    // add 10 to each element
    for_each (coll.begin(), coll.end(),        // range
              [](int& elem){                   // operation
                  elem += 10;
              });
    PRINT_ELEMENTS(coll);

    // add value of first element to each element
    for_each (coll.begin(), coll.end(),        // range
              [=](int& elem){                  // operation
                  elem += *coll.begin();
              });
    PRINT_ELEMENTS(coll);
}
```