```
#include <iostream>
#include <iterator>
#include <vector>
#include <memory>
using namespace std;
int main() {
  vector<int> numbers {1, 2, 3, 4, 5, 6, 7, 8, 9, 10};
  reverse_iterator<vector<int>::iterator> begin (numbers.end());
  reverse_iterator<vector<int>::iterator> end(numbers.begin());
  while( begin != end) {
   cout << *begin++ << " ";
  cout << endl;</pre>
  vector<int>::iterator it = numbers.begin();
  std::advance(it, 3);
  insert_iterator<vector<int>> inserter(numbers, it);
  for (int i = 1; i <= 5; ++i) {</pre>
    *inserter = (i*10);
  cout << "numbers: ";</pre>
  for (auto i : numbers) {
    cout << i << " ";
  cout << endl;</pre>
  vector<unique_ptr<int>> pointers;
  vector<unique_ptr<int>> others;
  using iter_t = vector<unique_ptr<int>>::iterator;
  for (int i = 0; i < 10; ++i) {
   int* tmp = new int;
    *tmp = i;
    pointers.push_back(unique_ptr<int>(tmp));
  cout << "pointers size: " << pointers.size() << " others size: " << others.size() <<</pre>
 " \ n";
  back_insert_iterator<vector<unique_ptr<int>>> binsert(others);
  copy (move_iterator<iter_t> (pointers.begin()), move_iterator<iter_t> (pointers.end()),
 binsert);
  pointers.clear(); //They are now undefined after the move
 cout << "pointers size: " << pointers.size() << " others size: " << others.size() <<</pre>
 " \ n";
  return 0;
}
```