```cpp
#include <iostream>
#include <iterator>
#include <vector>
#include <cmath>

using namespace std;

template <typename InputIt, typename OutputIt>
OutputIt copy_every_other(InputIt begin, InputIt end, OutputIt out){
  while(begin != end){
    *out++ = *begin;
    ++begin;
    if (begin == end) break;
    ++begin;
  }

  return out;
}

int main() {
  vector<double> numbers{1.0, 1.1, 1.2, 1.3, 1.4, 1.5};
  vector<double> other;

  std::copy(std::begin(numbers), std::end(numbers),
      ostream_iterator<double>(std::cout, " "));

  cout << endl;

  copy_every_other(std::begin(numbers), std::end(numbers),
      back_insert_iterator<vector<double>>(other));

  for (double d : other){
    cout << d << " ";
  }

  cout << endl;

  return 0;

}
```