aux_functions.cpp Page 1

```
#include <iostream>
#include <iterator>
#include <vector>
using namespace std;
int main() {
  vector<int> numbers {2, 4, 6, 8, 10, 12, 14};
int arr[]{1, 3, 5, 7, 9, 11, 13};
  for (auto it = begin(numbers); it != end(numbers); ++it) {
   cout << *it << " ";
  cout << "\n";
  for (auto it = begin(arr); it != end(arr); ++it) {
  cout << *it << " ";</pre>
  cout << "\n";
  auto thirdElm = next(next(begin(numbers)));
  cout << "Third element of numbers is: " << *thirdElm << "\n";</pre>
  cout << "Third element of arr is: " << *(next(next(begin(arr)))))<< "\n";</pre>
  cout << "There are " << distance(begin(numbers), end(numbers)) << " numbers\n";</pre>
  cout << "and " << distance(begin(arr), end(arr)) << " array numbers\n";</pre>
  return 0;
}
```