





🖹 sample.txt 🗵 sample.bash X 🙎 sample.js 9+ 🗰 sample.md C: > Users > paree > Downloads > 🔼 sample.bash Q //C++ Algorithms 蓻 Header file -> #include <algorithm> std::vector<int> numbers = {5, 2, 8, 3, 1, 7}; V // 1. std::sort // 2. std::reverse **(** std::sort(numbers.begin(), numbers.end()); // 4. std::min element **(** // 3. std::max element auto maxIt = std::max_element(numbers.begin(), numbers.end()); auto minIt = std::min_element(numbers.begin(), numbers.end()); ö // 5. std::accumulate // 6. std::count int sum = std::accumulate(numbers.begin(), numbers.end(), 0); int countOf2 = std::count(numbers.begin(), numbers.end(), 2); // 8. std::replace auto findIt = std::find(numbers.begin(), numbers.end(), 8); std::replace(numbers.begin(), numbers.end(), 2, 10); std::for_each(numbers.begin(), numbers.end(), [](int num){std::cout << num << " ";});</pre> //12. std::transform std::transform(numbers.begin(), numbers.end(), numbers.begin(), [](int num) { return num num: // 13. std::binary_search // 15. std::shuffle bool found = std::binary_search(numbers.begin(), numbers.end(), 5); std::random_shuffle(numbers.begin(), numbers.end()); // 16. std::merge std::vector<int> mergedVector; std::merge(numbers.begin(), numbers.end(), copyVector.begin(), copyVector.end(), std::back inserter(mergedVector)); // 17. std::nth element for any type of container std::nth_element(numbers.begin(), numbers.begin() + 3, numbers.end()); // 20. std::next permutation // 21. std::prev permutation std::next_permutation(numbers.begin(), numbers.end()); std::prev_permutation(numbers.begin(), numbers.end()); // 22. std::lower bound // 23. std::upper bound auto lowerIt = std::lower_bound(numbers.begin(), numbers.end(), 5); auto upperIt = std::upper_bound(numbers.begin(), numbers.end(), 5); // 24. std::rotate // 25. std::is sorted std::rotate(numbers.begin(), numbers.begin() + 3, numbers.end()); bool isSorted = std::is_sorted(numbers.begin(), numbers.end()); Ø 296 ▲ 0

