Algorithms

Unveiling STL Algorithms:

1. Binary Search: Efficient search algorithm dividing data in halves.
2. Lower Bound: Points to the first element not less than a value.
3. Upper Bound: Points to the first element greater than a value.
4. Max & Min: Fetch the maximum and minimum values.
5. Swap Magic: Exchanges values of two elements.
6. Reverse Effect: Reverses the order of elements.
7. Rotation Magic: Shifts elements by a specified amount.
8. Sort Sorcery: Leverages intro sort (combining quick sort, heap sort, and insertion sort) for efficient sorting.