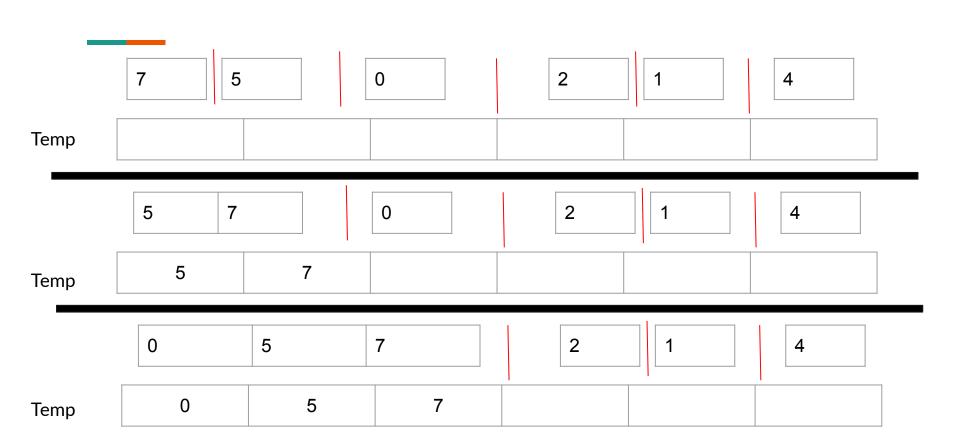
Merge Sort

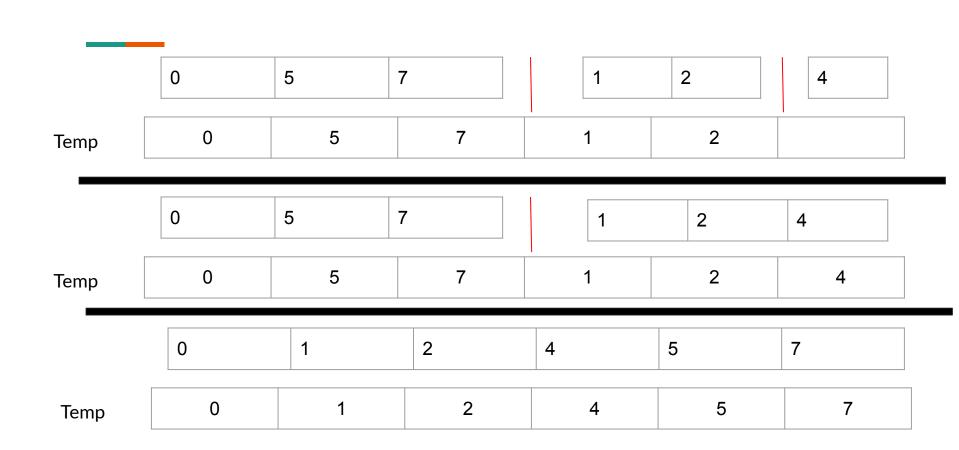
Definition

- Merge sort is a computationally-efficient sorting algorithm known for its divide-and-conquer strategy
- It was developed by John von Neumann in 1945

Example

7 5			0	2	1	4
7	5	0		2	1	4
7	5	С)	2	1	4
7	5	С)	2	1	4





Main Takeaways

- The actually sorting occurs at the lowest levels when items are being copied into the temp array
- The time complexity of this algorithm if O(nlogn)
- The space complexity of this algorithm is O(n)

Merge Sort Visualizer

- Merge Sort Simulator for extra help
 - https://www.hackerearth.com/practice/algorithms/sorting/ merge-sort/visualize/