

New chat

Recent

- Strassen's Matrix Multiplicatio...
- Divide and Conquer: A Powerful ...
- Agent Faculties in AI
- Show more

Cantonment, Barrackpore, West Bengal, India

Based on your places (Home) • Update location

Sorting technique	Divide-and-conquer with merging	Divide-and-conquer with partitioning
Division method	Splits array into equal halves recursively	Chooses a pivot element and partitions array around it
Merging step	Merges sorted sub-arrays to form final sorted array	No explicit merging; sorting happens while partitioning
Time complexity (average)	$O(n \log n)$	$O(n \log n)$
Time complexity (worst case)	$O(n \log n)$	$O(n^2)$ (occurs when pivot selection is poor)

Enter a prompt here

Bard may display inaccurate info, including about people, so double-check its responses. [Your privacy & Bard](#)