



# **SoulShift - Educational Q&A Platform**

## **General Questions**

Practice Questions



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**Q1. Which sorting algorithm uses a divide-and-conquer approach?**

- A. Bubble Sort
- B. Insertion Sort
- C. Merge Sort
- D. Selection Sort

*Solution: Merge Sort uses a divide-and-conquer approach by dividing the array into halves, sorting them, and then merging.*

**Q2. What is a real-world application of Quick Sort?**

- A. Database indexing
- B. Image processing
- C. File sorting
- D. All of the above

*Solution: Quick Sort is widely used in real-world applications such as database indexing, image processing, and file sorting due to its efficiency.*



