



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

## **General Questions**

Practice Questions



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**Q1. What is the time complexity of the Merge operation in Merge Sort?**

- A.  $O(n)$
- B.  $O(\log n)$
- C.  $O(n \log n)$
- D.  $O(1)$

*Solution: The time complexity of the Merge operation in Merge Sort is  $O(n)$  as it combines two sorted arrays.*



