



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

## **General Questions**

Practice Questions



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**Q1. What is the time complexity of a queue's enqueue operation in a linked list implementation?**

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

*Solution: The enqueue operation in a linked list implementation of a queue has a time complexity of  $O(1)$  because it adds an element to the end of the list.*



