SoulShift

SoulShift – Educational Q&A Platform

General Questions

Practice Questions

Q1. What is the time complexity of inserting an element into a max-heap?

A. O(1)
B. O(log n)
C. O(n)
D. O(n log n)

Solution: Inserting an element into a max-heap requires maintaining the heap property, which takes O(log n) time.

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