SoulShift

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General Questions

Practice Questions

Q1. What is the main advantage of using a linked list over an array?

A. Faster access time
B. Dynamic size
C. Better memory locality
D. Easier to sort

Solution: Linked lists can grow and shrink in size dynamically, unlike arrays which have a fixed size.

Q2. Which of the following operations can be performed in O(1) time on a linked list?

A. Insertion at the end
B. Deletion from the beginning
C. Searching for an element
D. Traversal

Solution: Deletion from the beginning of a linked list can be done in O(1) time as it only requires updating the head pointer.

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