SoulShift

SoulShift – Educational Q&A Platform

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.