SoulShift

SoulShift – Educational Q&A Platform

General Questions

Practice Questions

Q1. What is the time complexity of the longest increasing subsequence problem using dynamic programming?

    A. O(n)

    B. O(n log n)

    C. O(n^2)

    D. O(2^n)

Solution: The longest increasing subsequence can be solved using dynamic programming in O(n^2) time complexity.