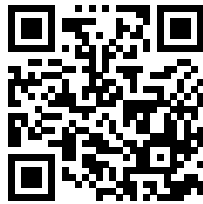




SoulShift - Educational Q&A Platform

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.



