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SoulShift – Educational Q&A Platform

General Questions

Practice Questions

Q1. What is the main difference between top-down and bottom-up dynamic programming?

A. Top-down uses recursion, bottom-up uses iteration
B. Top-down is faster
C. Bottom-up is easier to implement
D. There is no difference

Solution: The main difference is that top-down uses recursion and memoization, while bottom-up builds the solution iteratively.

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