



SoulShift - Educational Q&A Platform

General Questions

Practice Questions



Q1. In a graph, if there are multiple paths to a node, how does Dijkstra's algorithm determine which path to take?

- A. It chooses the path with the most edges
- B. It chooses the path with the least weight
- C. It randomly selects a path
- D. It chooses the first path it encounters

Solution: Dijkstra's algorithm always chooses the path with the least cumulative weight to ensure the shortest path is found.



