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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.

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