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General Questions

Practice Questions

Q1. What is the main advantage of using a Fibonacci heap in Dijkstra's algorithm?

A. It simplifies the implementation
B. It reduces the time complexity to O(E + V log V)
C. It allows for negative weights
D. It uses less memory

Solution: Using a Fibonacci heap can reduce the time complexity of Dijkstra's algorithm to O(E + V log V), making it more efficient for dense graphs.

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