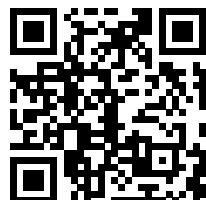




SoulShift - Educational Q&A Platform

General Questions

Practice Questions



Q1. Which of the following is a valid implementation detail of Dijkstra's algorithm?

- A. Using a depth-first search approach
- B. Updating the distance of adjacent nodes only if they are visited
- C. Using a priority queue to select the next node
- D. Storing all nodes in a single array

Solution: Dijkstra's algorithm uses a priority queue to efficiently select the next node with the smallest tentative distance.



