SoulShift

SoulShift – Educational Q&A Platform

General Questions

Practice Questions

Q1. What is the time complexity of a depth-first search (DFS) on a tree?
  A. O(V)
  B. O(E)
  C. O(V + E)
  D. O(n log n)

Solution: DFS visits each vertex once, resulting in a time complexity of O(V) for trees.