

ECS 170 Homework 1

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1. What is the difference among BFS, DFS, and uniform-cost search (Dijkstra's algorithm) with respect to their implementations in the generic tree search algorithm?
 - (a) BFS uses a FIFO structure for the fringe.
 - (b) DFS uses a LIFO structure for the fringe.
 - (c) Uniform-cost search uses a priority FIFO for the fringe.