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PostLab Exp.3

Q1. What is time Complexity of Water Jug problem?

→ The time Complexity of the Water Jug problem, using BFS or DFS is approximately $O(m \times n)$ where $m \times n$ are Capacities of 2 Jugs

Q2 Why is DFS not used for solving a water jug problem?

→ DFS is not typically used for solving the Water Jug problem because it may get stuck in deep branches without finding solution, does not guarantee finding the shortest path of solution and may exhaust memory if search space is large