

Practical 3 Extra:

2CSDE85 - Artificial Intelligence

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Aim:

Comparison Table: BFS vs DFS

Input	BFS Time	BFS Steps	DFS Time	DFS Steps	DFS Depth Limit
[[0, 1, 3], [4, 2, 6], [7, 5, 8]]	6.67 ms	4	29.4 ms	4	10
[[4, 3, 6], [2, 0, 1], [7, 5, 8]]	29.4 ms	10	348 ms	14	15
[[0, 1, 2], [4, 5, 3], [7, 8, 6]]	6.41 ms	4	877 ms	18	20
[[1, 3, 2], [4, 5, 0], [7, 8, 6]]	Taking too long	-	-	Empty Stack	20
[[1, 3, 2], [4, 5, 0], [7, 8, 6]]	Taking too long	-	Taking too long	-	30