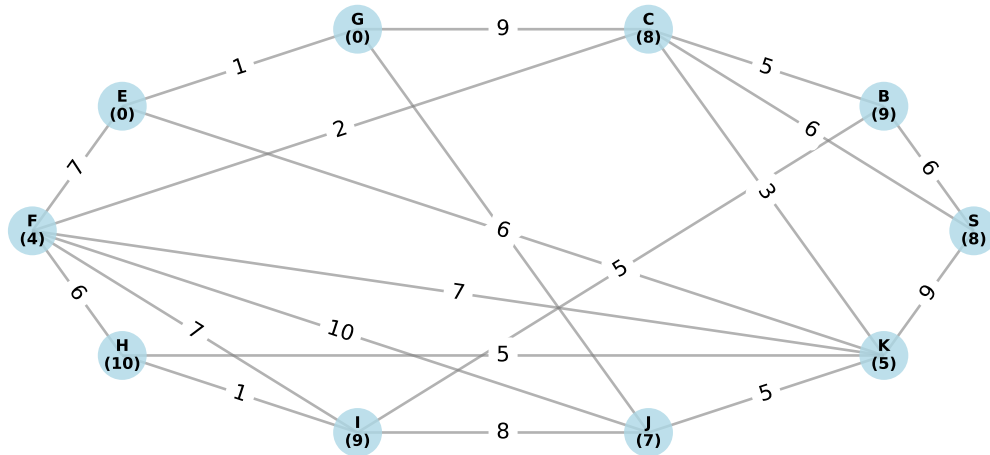


In the graph below you must show the operation of four search algorithms, starting at node S and searching for node G.

In each case, you must show all work in a table showing the node expanded and the search fringe.

In case of a tie between nodes, choose the one that comes earlier in the alphabet.

Graph:



Questions:

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Question 2: Show the operation of breadth-first search.

Question 3: Show the operation of iterative deepening search.

Question 4: Show the operation of A* search.

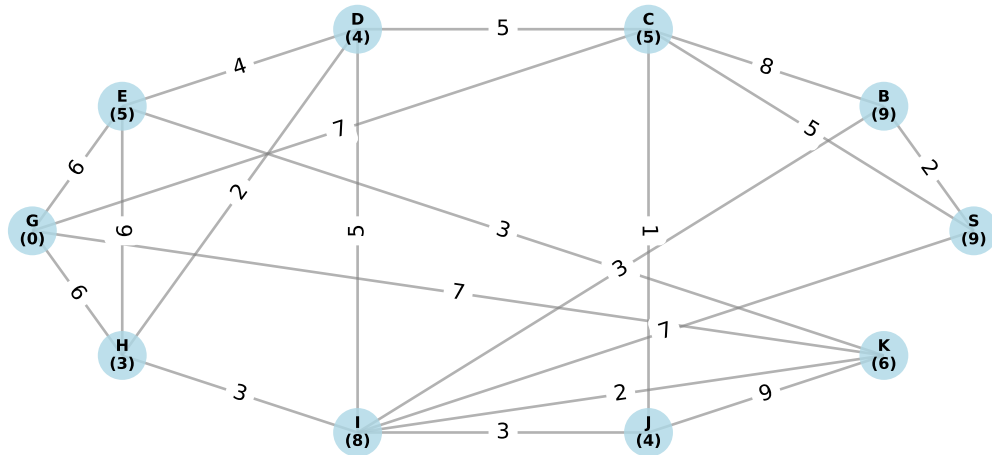
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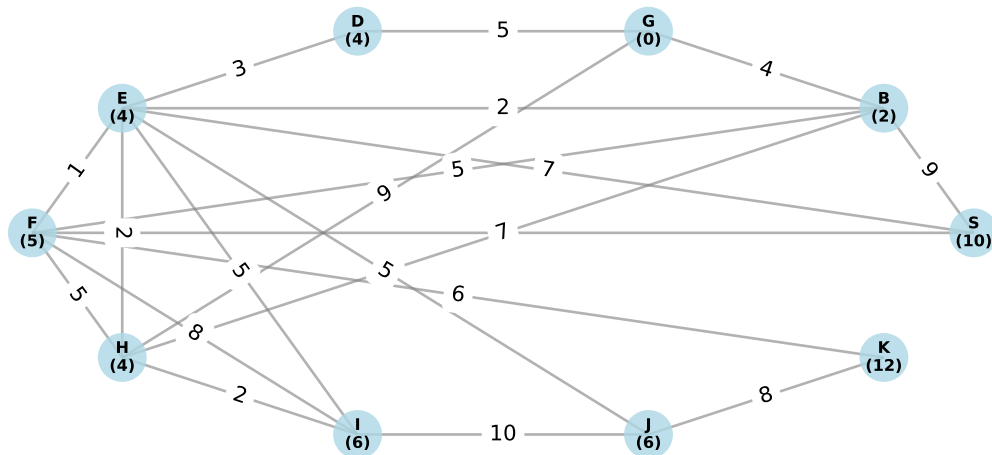
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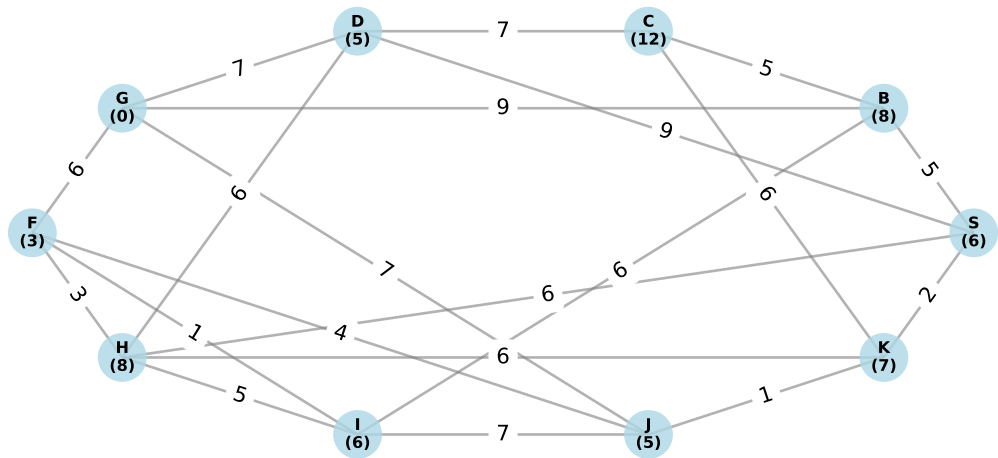
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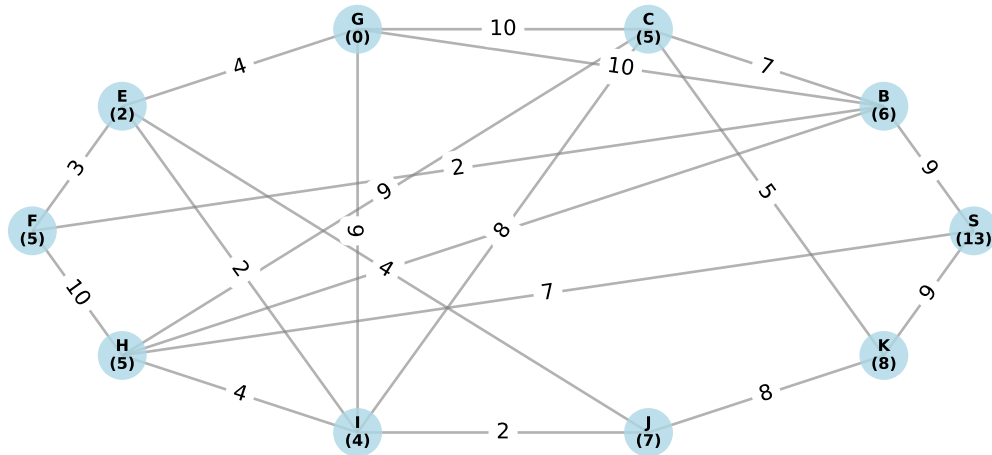
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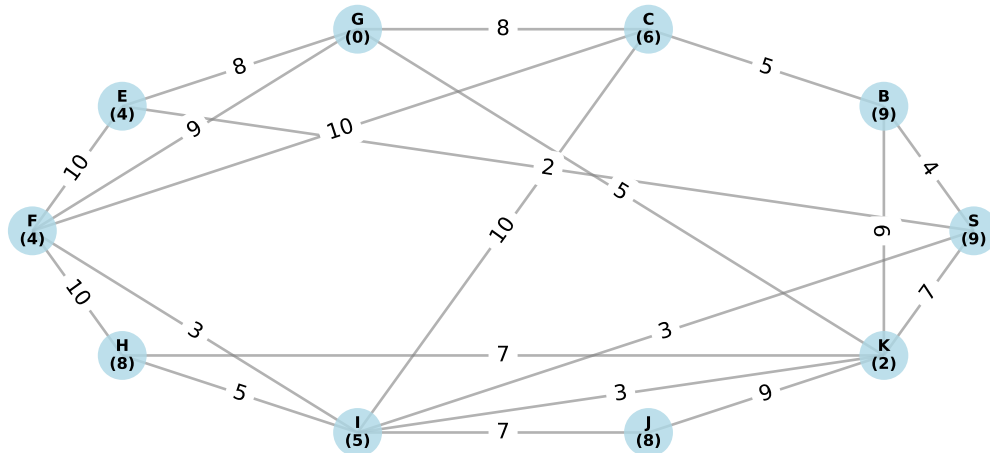
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