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## 1. Graph using DFS

Features

• It makes a graph using nodes and edges.

• We can add new nodes and connect them with edges.

• It uses stack for DFS (Depth First Search).

• It checks visited nodes to avoid repeating.

• It shows nodes in the DFS order starting from a selected node.

Game Logic

• Each node has a value and links to next nodes.

• Graph keeps all nodes in a dictionary.

• DFS uses a stack to visit nodes one by one.

• When a node is visited, it is marked as seen.

• All connected nodes are visited until stack becomes empty.