```
main.py
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                                                                           Run
                                                                                     Output
  1 - warehouse_graph = {
                                                                                   DFS Path from A to F: ['A', 'B', 'E', 'F']
         'A': ['B', 'C'].
         'B': ['D', 'E'].
         'C': ['F'].
         'D': [].
         'E': ['F'],
         'F': []
    0
  9 def dfs(graph, start, goal, visited=None, path=None):
         if visited is None:
 10-
            visited = set()
 11
 12-
         if path is None:
 13
            path = []
 14
         visited.add(start)
 15
         path.append(start)
 16 -
        if start = goal:
 17
            return path
         for neighbor in graph[start]:
 18 -
            if neighbor not in visited:
 19 -
                result = dfs(graph, neighbor, goal, visited, path[:])
 20
 21 -
            if result:
 22
                return result
 23
         return None
     start_node = 'A'
     goal_node = 'F'
     path_found = dfs(warehouse_graph, start_node, goal_node)
 27 print(f"DFS Path from {start_node} to {goal_node}: {path_found}")
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