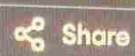


main.py



Run

Output

```
1 warehouse_graph = {
2     'A': ['B', 'C'],
3     'B': ['D', 'E'],
4     'C': ['F'],
5     'D': [],
6     'E': ['F'],
7     'F': []
8 }
9 def dfs(graph, start, goal, visited=None, path=None):
10     if visited is None:
11         visited = set()
12     if path is None:
13         path = []
14     visited.add(start)
15     path.append(start)
16     if start == goal:
17         return path
18     for neighbor in graph[start]:
19         if neighbor not in visited:
20             result = dfs(graph, neighbor, goal, visited, path[:])
21             if result:
22                 return result
23     return None
24 start_node = 'A'
25 goal_node = 'F'
26 path_found = dfs(warehouse_graph, start_node, goal_node)
27 print(f"DFS Path from {start_node} to {goal_node}: {path_found}")
```

DFS Path from A to F: ['A', 'B', 'E', 'F']

=== Code Execution Successful ===

