Exercise 8

def dfs(graph, start, visited=set()):

if start not in visited:

print(start, end=' ')

visited.add(start)

for neighbor in graph[start]:

dfs(graph, neighbor, visited)

# Example usage

graph = {

'A': ['B', 'C'],

'B': ['D', 'E'],

'C': ['F'],

'D': [],

'E': ['F'],

'F': []

}

dfs(graph, 'A')

