# Python Code: task5.py

Below is the content of the Python file provided:

g = {  
 'A': ['B', 'C'],  
 'B': ['D', 'E'],  
 'C': ['F'],  
 'D': [],  
 'E': [],  
 'F': ['G'],  
 'G': []  
}  
  
stack = ['A']   
visited = []   
while stack:   
 i = stack.pop()   
 if i not in visited:  
 visited.append(i)  
 for j in g[i][::-1]:   
 stack.append(j)   
 print("Visited:", visited, "| Stack:", stack)  
  
print("Finally :", visited)