```
graph = {
   '5': ['3', '7'],
   '3': ['2', '4'],
   '7': ['8'],
   '2': [],
   '4': ['8'],
   '8': []
}

visited = []  # List to keep track of visited nodes.

def dfs(visited, graph, node):
   if node not in visited:
      print(node, end=" ")
      visited.append(node)
      for neighbour in graph[node]:
         dfs(visited, graph, neighbour)

# Driver Code
print("Following is the Depth-First Search:")
dfs(visited, graph, '5')
```