Python Code :-

graph = {

"A": ["B","C"],

"B": ["A","D","E"],

"C": ["A","F"],

"D": ["B"],

"E": ["B","F"],

"F": ["C","E"]

}

def dfs(node, graph):

stack = []

visited = set()

stack.append(node)

visited.add(node)

print(node)

while (len(stack)):

current\_node = stack.pop()

if current\_node not in visited:

print(current\_node)

visited.add(current\_node)

for i in graph[current\_node][::-1]:

if i not in visited:

stack.append(i)

dfs("A", graph)

Output:-

A

B

D

E

F

C