EXPERIMENT 3

Python program to solve depth first search

graph = {

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

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

'C':['F'],

'D':[],

'E':[],

'F':[]

}

visited = set()

def dfs(visited,graph,node):

if node not in visited:

print (node)

visited.add(node)

for neighbour in graph [node]:

dfs(visited, graph, neighbour)

print("DFS is")

dfs(visited, graph, 'A')

OUTPUT

