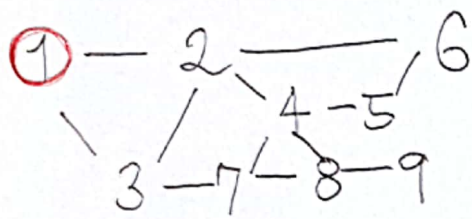


call stack

현재 main 내부.  
DFS(1) 호출전.

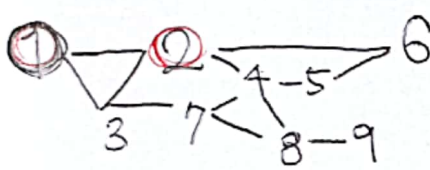
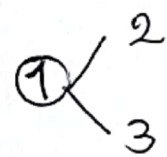


call stack.

DFS(1) 호출후,  
1 노드 visit 체크.



현재 DFS(1) 내부.

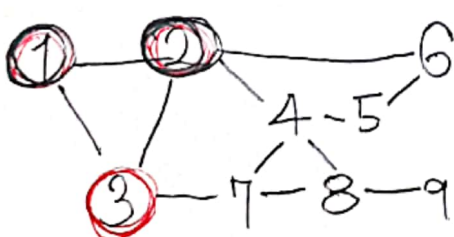
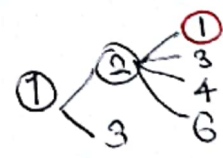


call stack.

DFS(2) 호출, DFS(1) 스택에  
PUSH

2 노드 visit 체크

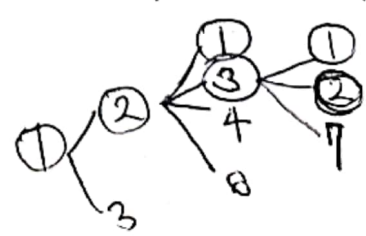
현재 DFS(2) 내부.

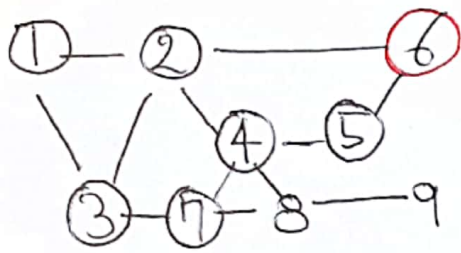


DFS(3) 호출, DFS(2) PUSH

3 노드 visit 체크

현재 DFS(3) 내부.





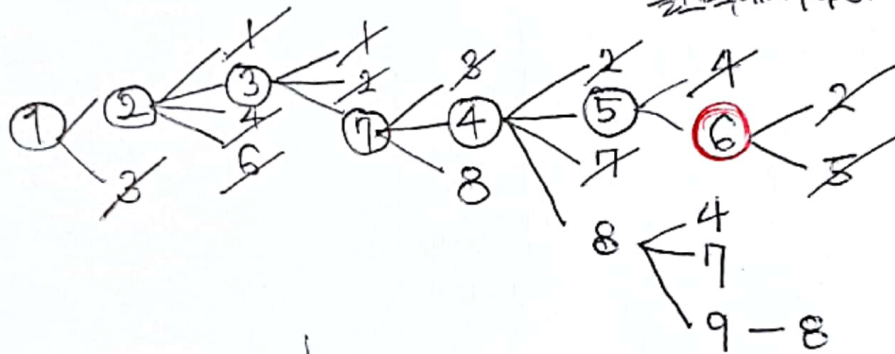
5
4
7
3
2
main

DFS(6) 호출, DFS(5) PUSH  
6 visit.

DFS(6)에서 빈공간에서

다음 Depth의 DFS 호출없음.

따라서 DFS(6) 호출이 끝난후  
스택에서 pop하여 이전함수로  
되돌아감.

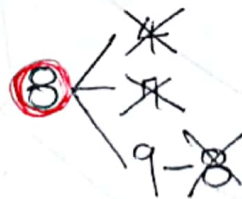
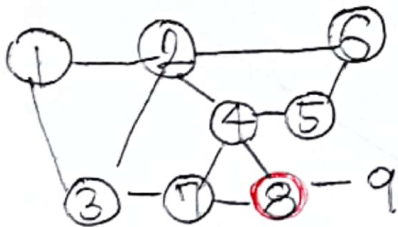


DFS(5)

DFS(4)에서 X/5/X/8

DFS(8) 호출, DFS(4) PUSH

8 visit



(같은 방법으로 DFS(9) 호출문까지 진행)

8
4
7
3
2
main

8 → 4 → 7 → 3 → 2 → main

→ 종료.