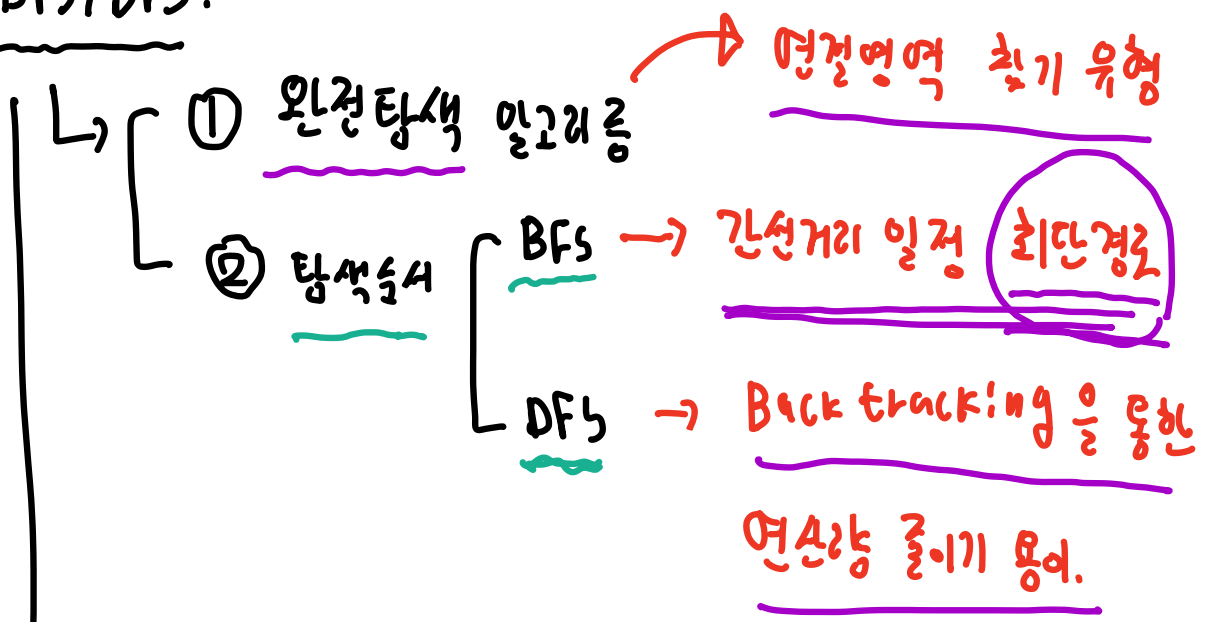
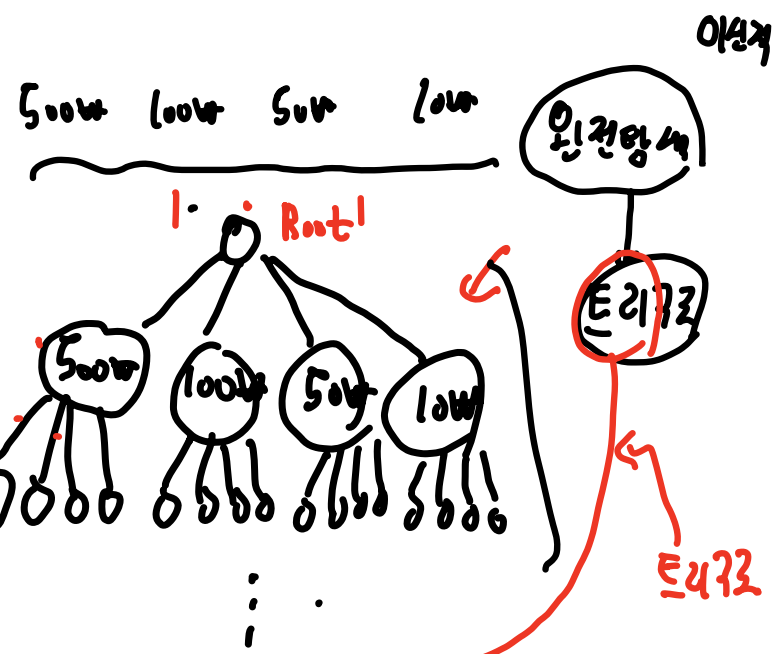


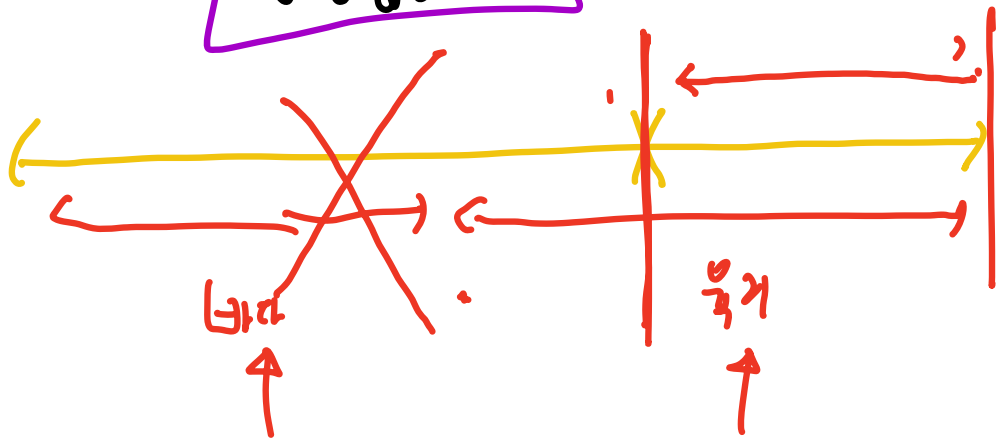
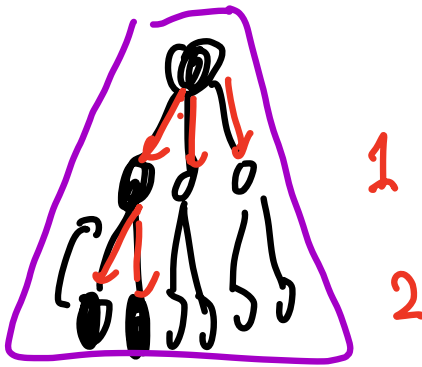
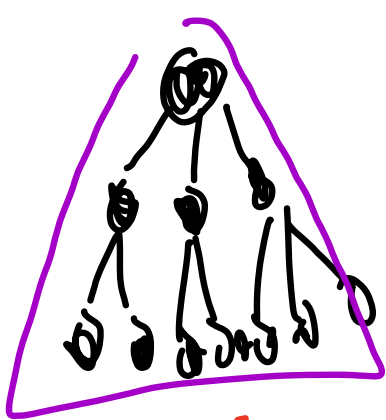
BFS/DFS.



모든 문제 ⇒ 완전탐색 → 뽕뽕
그런데

계산량 문제
1500만





BFS \Rightarrow 같은 Depth를 무조건 탐색을 다 하고

다음 Depth로 넘어간다.

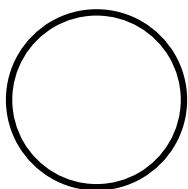
depth=4. , BFS

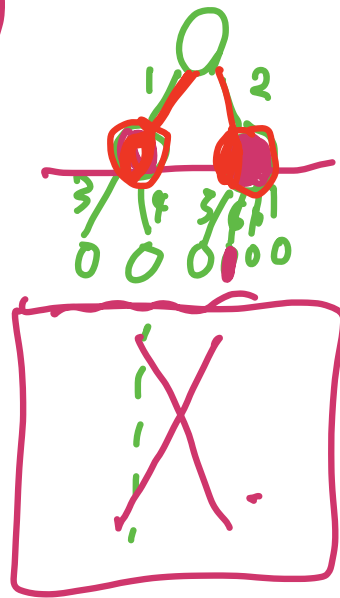
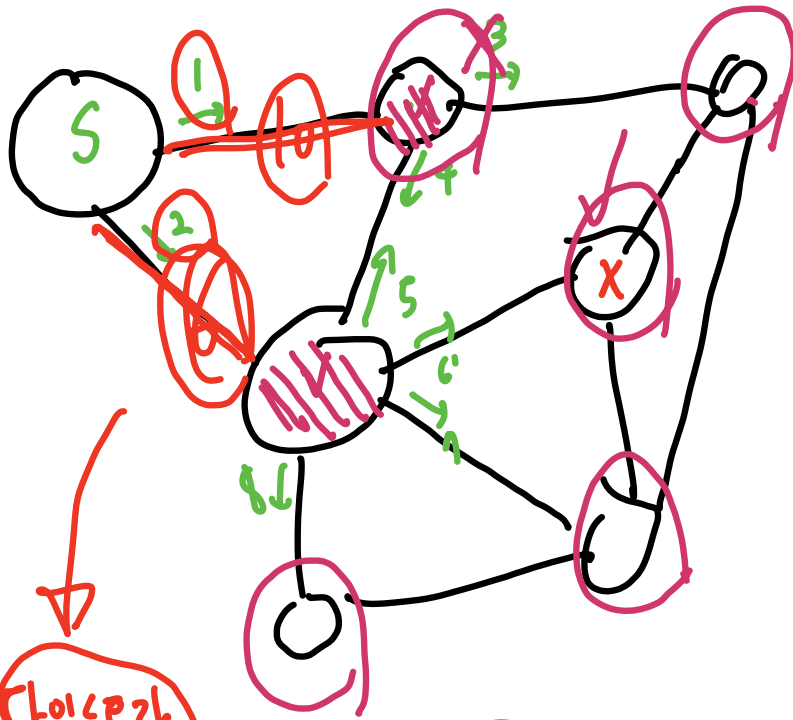
depth=3
2
1

depth=3



depth=4 , DFS

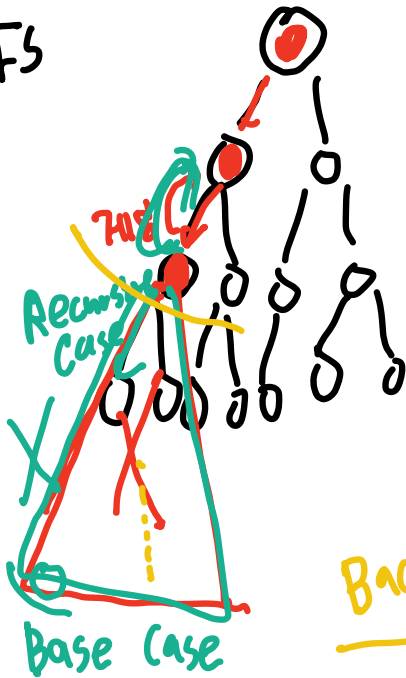




다익스트라.
 ↳ 메모리 ~ 22/100

BFS

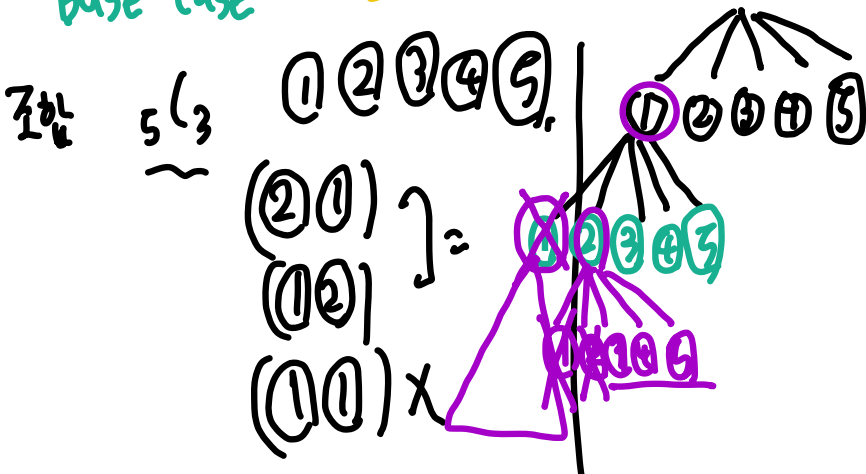
DFS



이런식 => 계층 탐색
 결과로 나와.

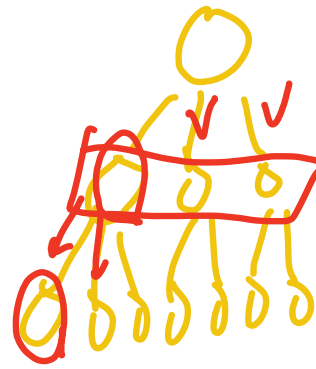
if '필터 == 계층'
Base Case

Backtracking



12^v

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



상관성

*
BFS/DFS ⇒ 완전탐색

↳ 연결영역 찾기 문제.

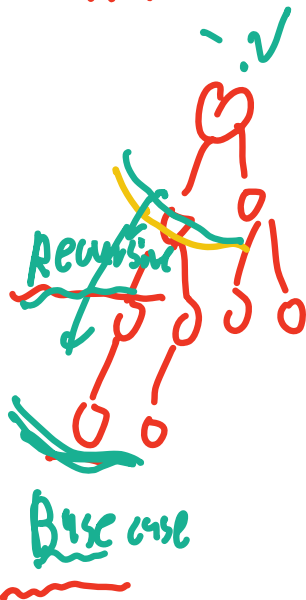


- 연결

⇒ - 노명 → 이동 공간 제약.

구현 - BFS/DFS.

DFS



def factorial (n):

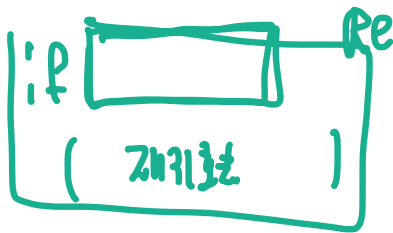
Base case

if $n \leq 1$;
return 1

else

Recursive

return $n \times \text{factorial}(n-1)$



Base



FIFO

depth=1

VS

BFS \Rightarrow 스택 (재귀)

LIFO

