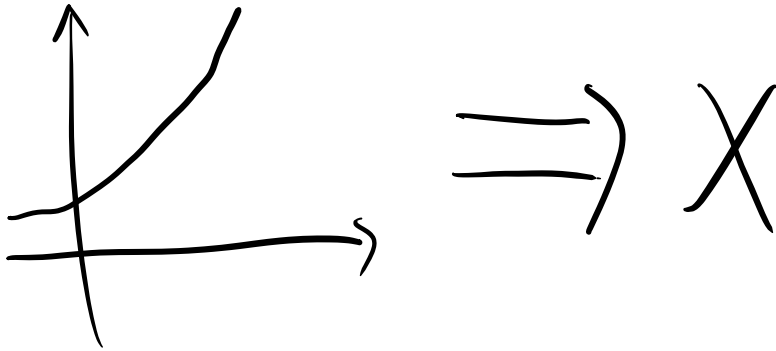


< 그래프, Graph >

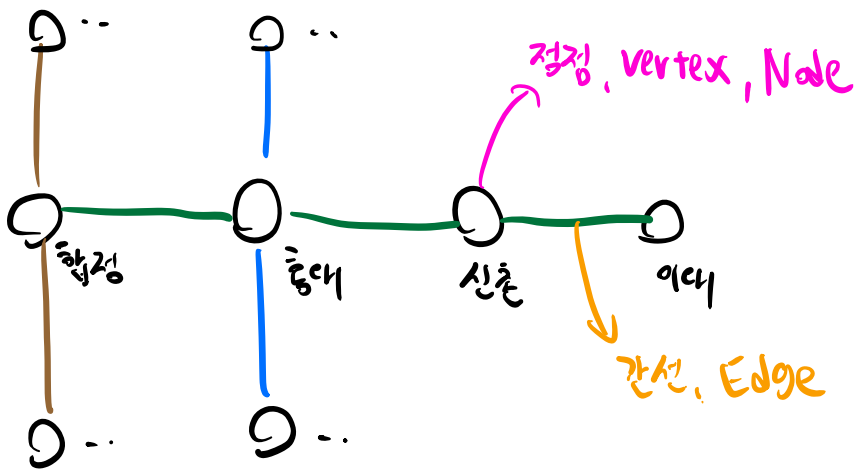


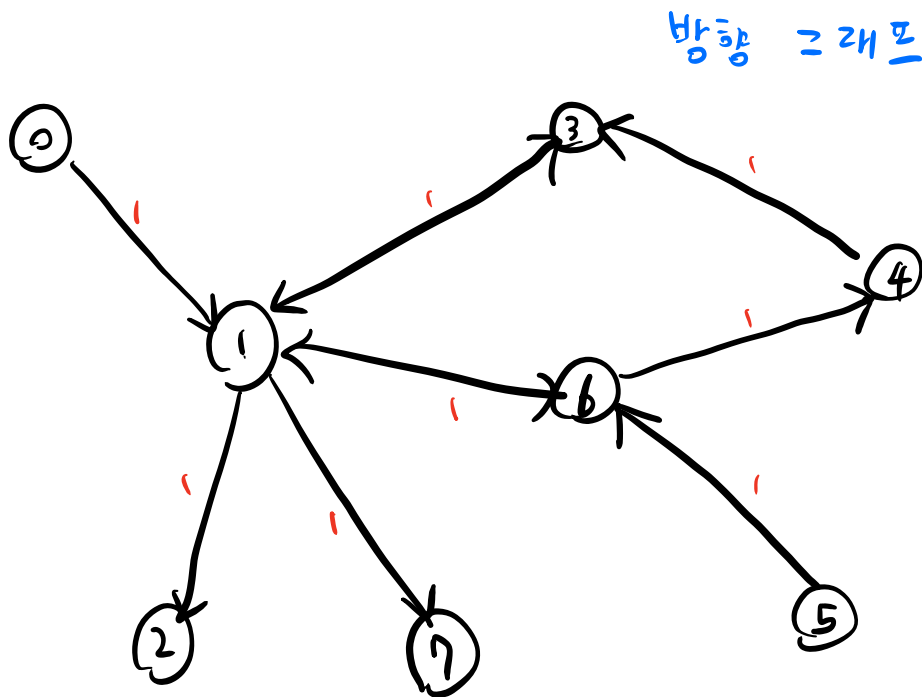
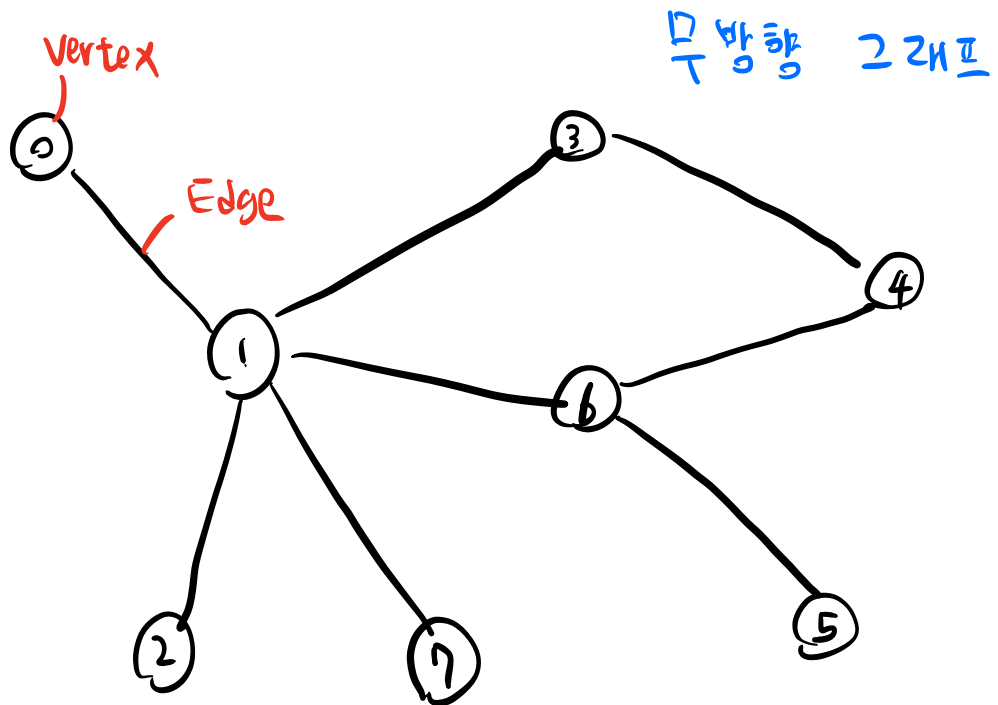
$$G = (V, E) \Rightarrow \bigcirc$$

Graph
그래프

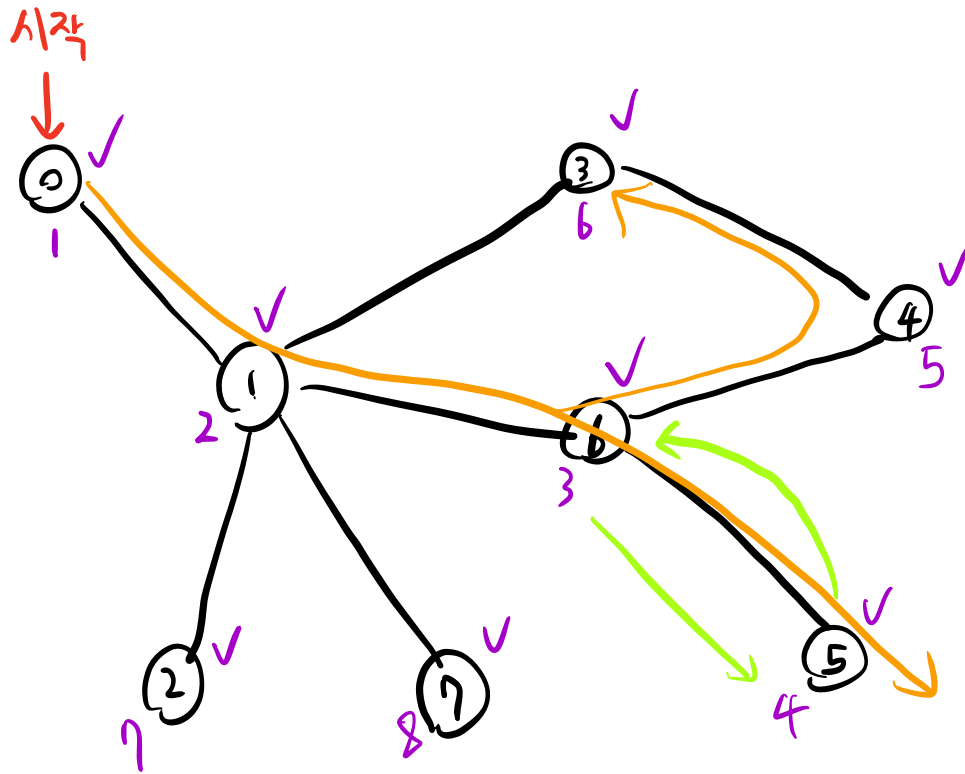
vertex
점점

Edge
간선



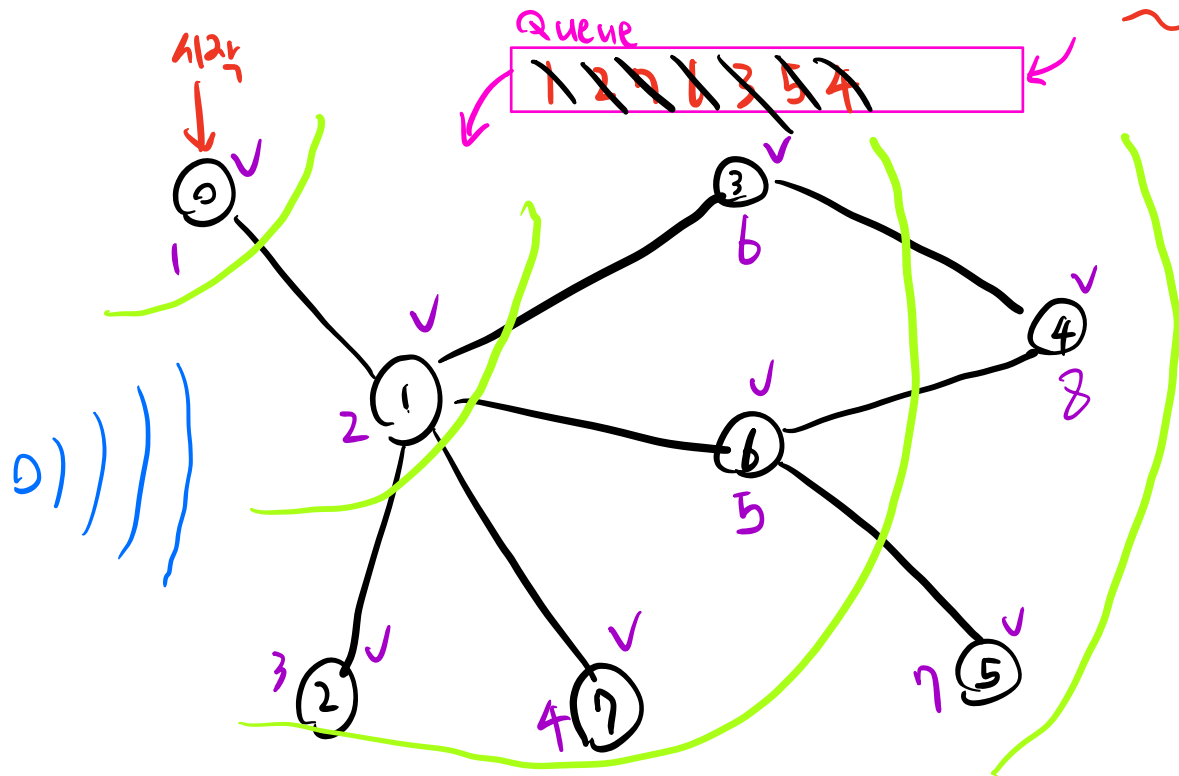


< 깊이 우선 탐색, Depth First Search > : DFS

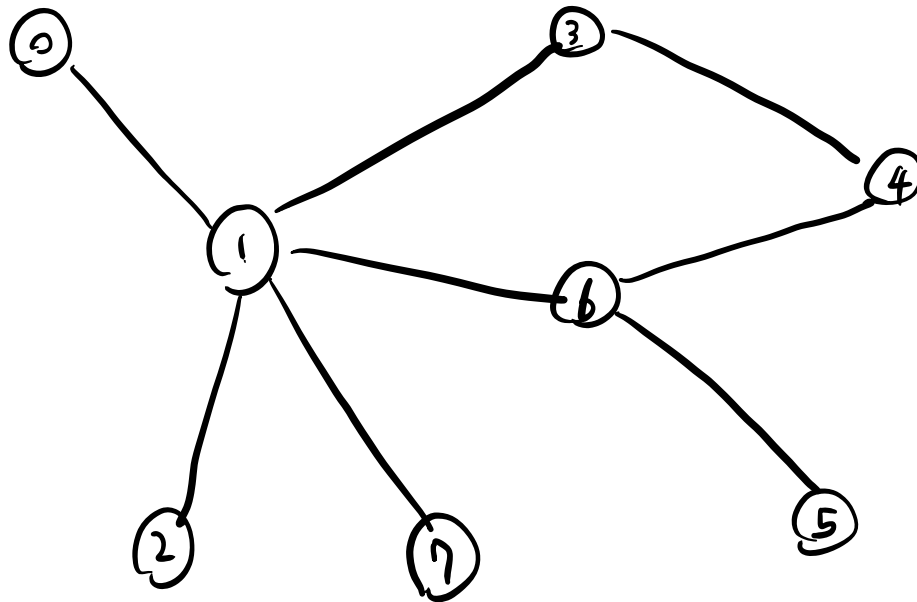


DFS : 0 → 1 → 6 → 5 → 4 → 3 → 2 → 7

< 너비 우선 탐색, Breath First Search > : BFS



BFS: 0 → 1 → 2 → 7 → 6 → 3 → 5 → 4



graph \rightarrow [0 1 2 3 4 5 6 7]

\downarrow	\downarrow	\downarrow	\downarrow	\downarrow	\downarrow	\downarrow	\downarrow
1	0	1	1	3	6	1	1
	2		4	6		4	
	3						
	6					5	
	7						