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visualize by python

設定:n=8,e=7

out put on terminal

random generated graph:

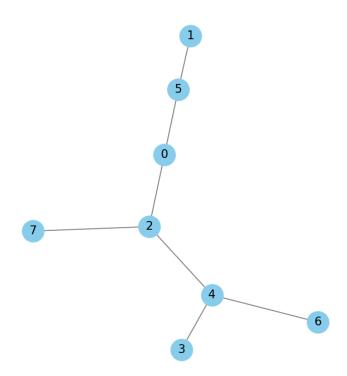
Adjacency Matrix:

7 0 0 1 0 0 0 0 0

Adjacency List:

- [0] -> 5 2
- [1] -> 5
- [2] -> 7 4 0
- [3] -> 4
- [4] -> 3 2 6
- [5] -> 0 1
- [6] -> 4
- [7] -> 2





DFS tree:

Adjacency Matrix:

Adjacency List:

[0] -> 5 2

[1] -> 5

[2] -> 0 7 4

[3] -> 4

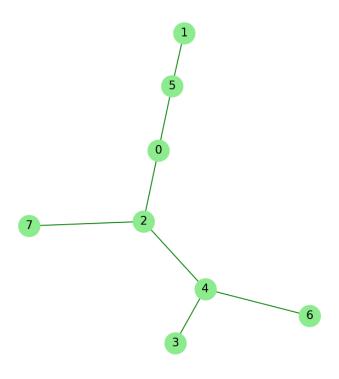
[4] -> 2 3 6

[5] -> 0 1

[6] -> 4

[7] -> 2

DFS Tree



BFS tree:

Adjacency Matrix:

7 0 0 1 0 0 0 0 0

Adjacency List:

[0] -> 5 2

[1] -> 5

[2] -> 0 7 4

[3] -> 4

[4] -> 2 3 6

[5] -> 0 1

[6] -> 4

[7] -> 2



