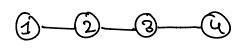
Tuesday, February 15, 2022 9:32 PM

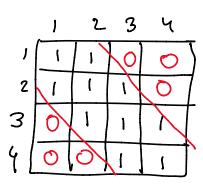
| | 1 | 2 | 3 | 4 | 5~ | |
|---|---|---|-----|---|----|---|
| 1 | 1 | 1 | 1 | 0 | O | |
| 2 | 1 | 1 | 0 | 0 | 1 | |
| 3 | 1 | 0 | 1 | 1 | 1 | |
| 9 | 0 | 0 | 1 | 1 | 0 | |
| 5 | 0 | 1 | . 1 | 0 | 1 | _ |

0 0 1 1 0 C Adjacency
Montrix

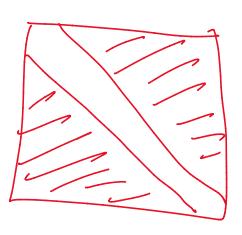


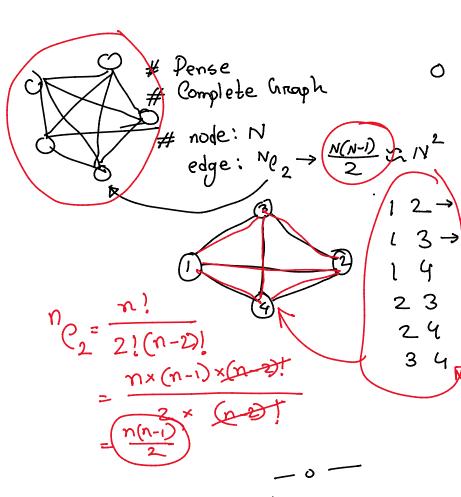
$$O(N^2)$$

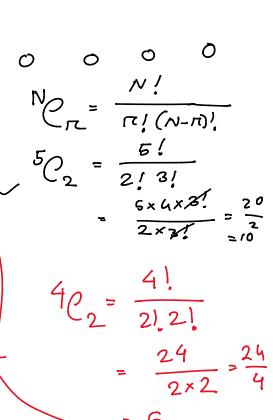
N=#nodes



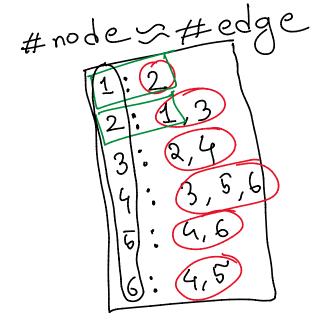
ED GE
Directed
> Undirected

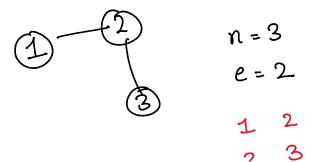


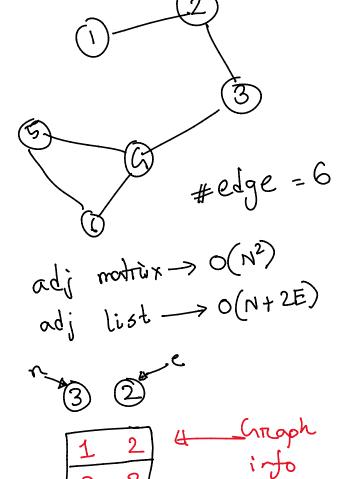




3 →







1 2 2 3 i to