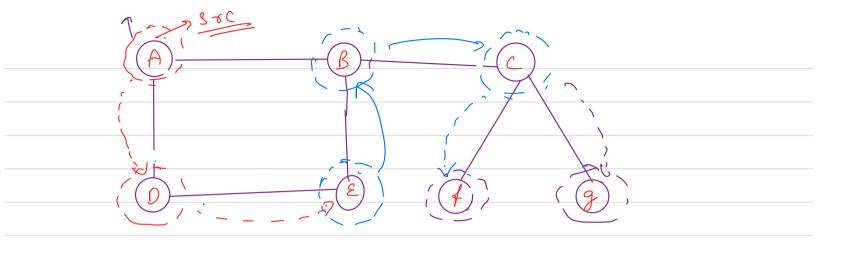
=> Curaph Traversals -> These are algorithms, using which me san read/bourse a graph. Depth First Traversal

Breadth first Traversal

Depth first toauers al- In a depth first toaueral, me kick any rode as a source le resusurly more la any one neighbour, Exemplore the depth first brauersal from that neighbour kefere moung 10 rent neighbour.

a source node we will start the traversal from



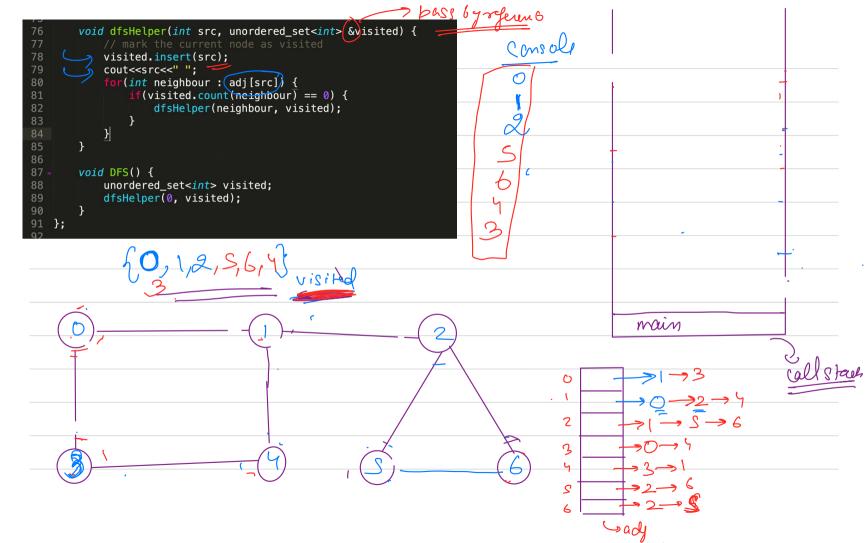
ADEBCFG JOFT

Time Complexity > O(V + E) Space Complexity n - length of the largest

path blue 2 node in

a graph recursion's rate un cralled - Set

| pointer which of 94's am addle |
|--------------------------------|
| points to object this=lok |
| 10K object |
| address of full |
| ` |
| |
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| |



Breadth first Traversal > from any node travel Cell the immediate neglooves first So Then Pick any neybour & do me same.

Jest Jemlo , lend - - - leul 2 0,13,2,4,5,6 whosome commusfirst gets processed first -> FCFS Queun



another connected connected componer Crewn a großt, calculati, no. 9 Components. Connected

| Sanket. Sizh |
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