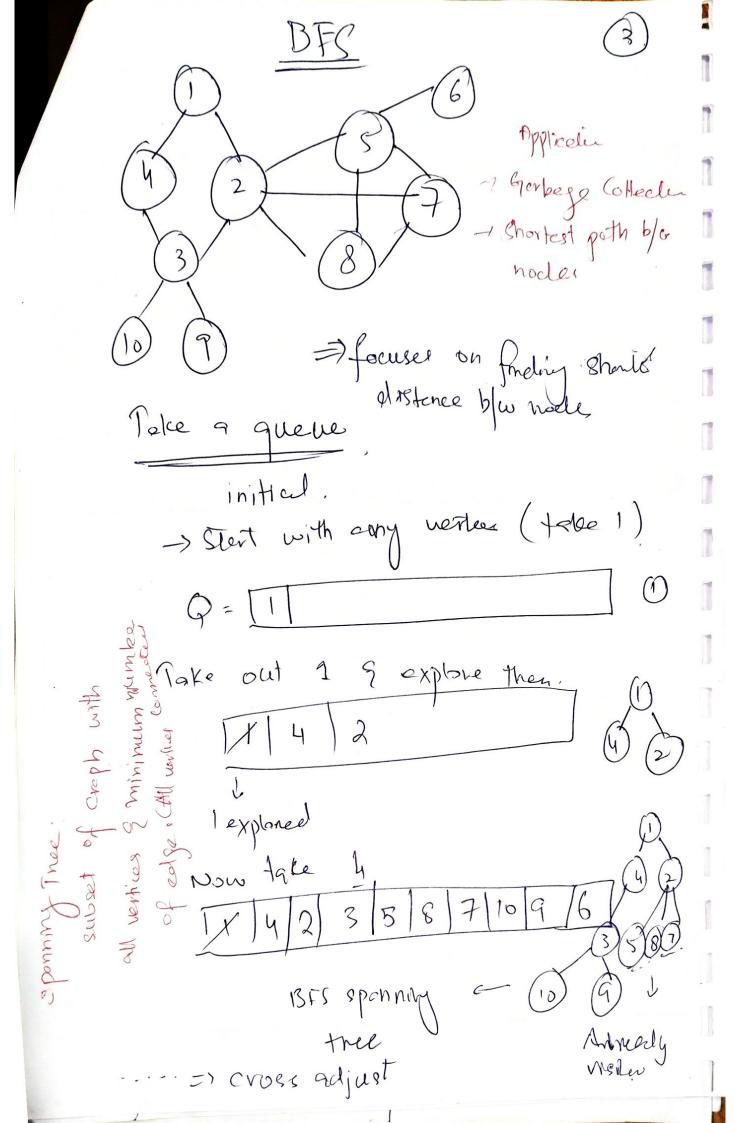
BFS & DFS
Groph Travers 1 Mothods
we need to know two things.
(1) -> Visiting a Verley => Going on Some (2) -> Explanding of land verley
of nertex => visiting
Both complorates are of h) Start with BFS. Keo of west
9 9 9
$\sqrt{3}$
-) We can stert with any verter, lets start with (1)
Was will visit all ajacent vertice 1, 2, 4, 5 (any order) Naw explore 1, 2, 4, 5, 7 3 (
Now explore 12,4,5,7,3,6 All one explored

For some groph, sten from so take (1) 1,2. (we can take any) NOW visit (2). Is explane it. 1,2,3 Now explore (3) As nothing there then explane (1) 1,2,3,6,7,4,5, Resulte one different. Inother of I sull unde 1, 2, 3, 4, 5, 6,7 BFS pre order trans 1,2,4,5,3,6,7 DIR



Exercise viest from 52 8 7 3 10 9 Steck USe add 1 add 3 ther add 4 8 2 book adjust Spenny 41,2567,109 Expresse