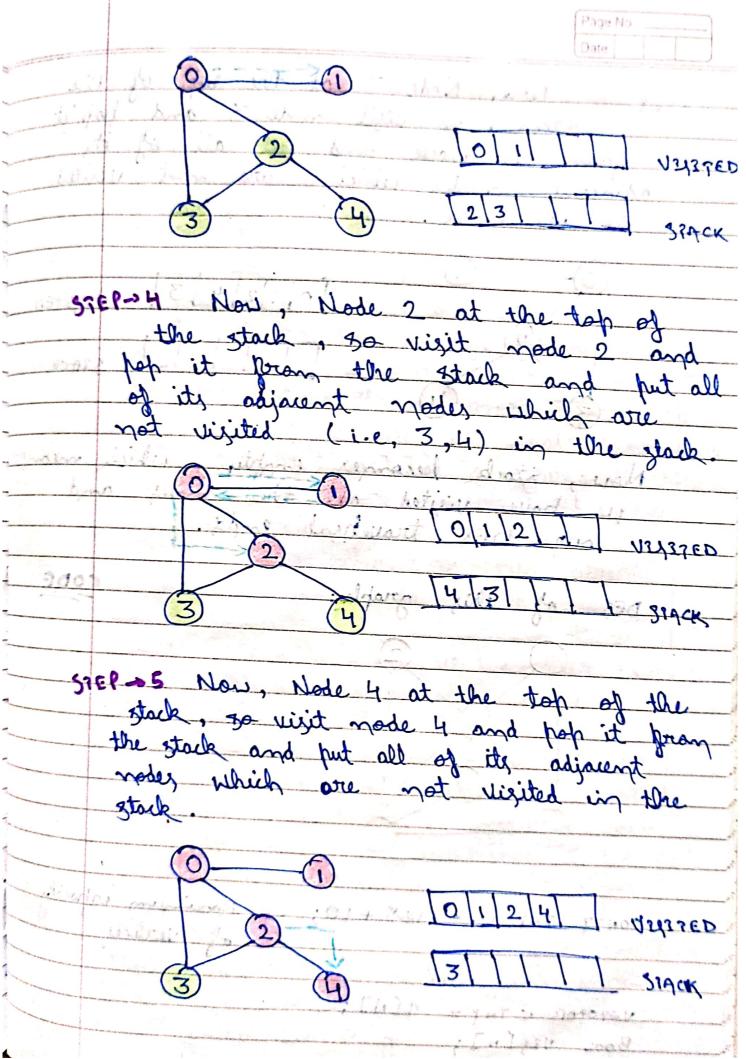
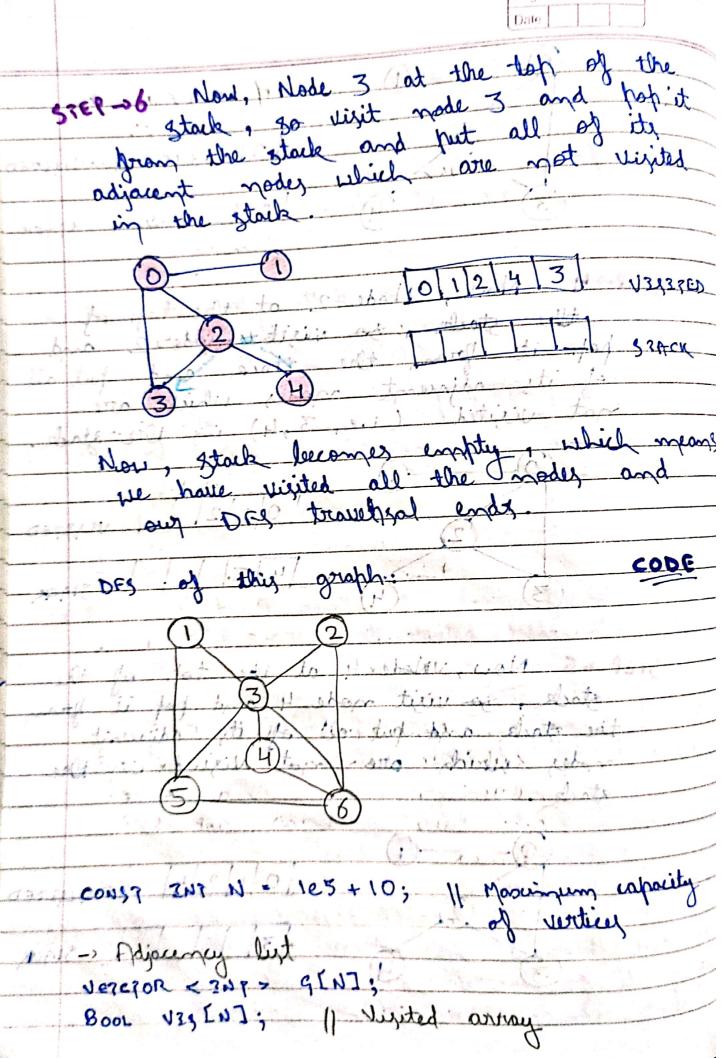
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for as possible along each branch lufere leachtracking.
Lets understand the working of Defth First Seach with the help of the following illustration.
37EP-1 ? idially stack and visited overays are
Since Since
- (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4
szel-2 light of and put ity adjacent modes which are not visited yet into the stack.
O T VILLED
1 2 3 SPACK
STEP=3 stock so visit node I and popular from the stock and put all of its adjoint
is goden which are not wisited ing the stack





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ACI introduction of the cold
Take action of vertex after entering
V
COUP « VERZEXI « ENDL; // just to
highard heral? happening
VI) LUCRZEX I = Thue;
FOR (INP CHILD .: 6 [VERTEX])
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" CH3LD: " << CH3LD << (6120).
I just to liqualing what is babbe
TON TONIENT CONSINUES A PILL
Winted made
DEC CHRODI:
Jake action on child after
exiting child node.
Take action on vertex after exiting
the vertex.
-> June Complexity: O(V+F) as
Recursive Junction will be called
( vertex) times, and in each
call there is a for loop E (edge)
3 times
3N3 MA3N ()
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	3N3 N M ; ( ) 2 M 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
100	C2N >> 2 22 m/3
-	Adams to this
	-> creating Adjacency list of graph FOR (302 120; 129; 1++)
	FOR (3N7 120;
	303 1120 124 5 1 200
	g[V1]. PB (V2);
80	9 [ V2] . PB (V1);
	- (1-2) 3 3 4 (1-2) 5
-	Control of the contro
	ace (1). Il Calling DES Junction
	REZURN 0; (Calling DES Junction.
	3 2: (6:14) 125
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	PARENT: 5, CHILD: 3	* 1 ****
	PARENT: 5, CHILD: 6	
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