





to all other nodes V in graph of

Bi -> max of all eccentrity at level i

Algorithm: The

- D Take a node and soot the graph at the node
- 2) Now from the bottom most level do a BFS on
 - each node at that I vevel and find ecc . all
 - det Bi -> max of all ecc at leve!
- any node above it will not have a ecc greater than ecc of all nodes found till now

1					
1	For our graph	F	, , , , , , , , , , , , , , , , , , ,		
		Bi	600dtion (B) >(2(1-1))	Result	
	level 5: Nod @-secc(12)=\$5	R:5	5 > 2(5-1)	False	
	level 4: Node (1) - ecc (1) = 4}	By-4		False	
	Node (10) > ecc (10)=4)				
1	level 3: Nock9 > ecc(9)=27	B3=3	3 >2(2-1)	False	
	Node (8) -> ecc (8)=35				
	Level 2: Node (3) - ecc (6) -47	B)=4	4>2(2-1)	True	
	Node Ø →erc(6)=3				
	Node (4) = 3				
	Node @ ->ecc (3)=31.				
		* ** *			
So in level 2 B.2 > 2(24) -> so we need no do					
BFS for level 1 hodes					
P Rooting.					
Efficatively we do (1+9) RFS traversa)					
The state of the s					
Box example we do you him he of					
traversal example we do very high no of					
traversal eventhough using iFUR,					
	One reasons is mades address matic				
one reasons is nodes: edges ratio					