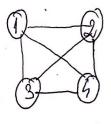
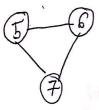
Lab 2 Connected components of un undirected graph using BFS

(0)





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1-[2,3,4]
[1,3,4]
3)-[1,2,4]
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	call BFS(0)	0		0	२०३	{0} (2, 3, 4)	©
"	call	1	2	111333	513	{ 0,13	Q-Q
	BF5(1)	25	3	23/4	{1,29	10,1,29	
-		3	4	335	\$1,2,89	20,1,2,33	(3)—(4)
		4		137	{1, 4,3 4}	{0,1,2,3,4}	
	call	5	6	518	{ 5}	50, 1,2,3, 4,3}	(E)—(C)
	BFS (5)	ć	7	GJT	£ 5,6}	50,1,2,3,4,5,6}	
		7		团	55,6,73	20,1,2, 3, 4, 5,6,75	7

Lab 2 Commented components of an undirected graph wing B75

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Verick 0 & Companies verice	component
3 (all 875 (p) 0 1 1077 {0} 6)—()
5 {0,1} {0,1}	
2 3 3 4 20,1,23 30,1,23	
3 5 [3]4]5 {0,1,2,3} {0,1,2,3}	
4 5 [45] {0,1,2,3,43 {0,1,2,3,43}	
5 6 56 60,4234,53 60,4234,53	
this-scent Sound Heightens 6 7 [[7] 50,423,45,6] [0,4234,5,6]	
[日] [2] [1] [2] [0,1,2,3,4,5,5,7] [0,1,2,3,4,5,5,7]	
$\frac{1}{3} \rightarrow \begin{bmatrix} 2,4 \\ 3 \end{bmatrix} \rightarrow \begin{bmatrix} 2,5 \\ 3 \end{bmatrix}$	
5 - 24,5,67	
6 - [5, h] 7 - [6]	

Lab 2 Bonus: Strongly connected components of an abrected graph in O(m+m)

