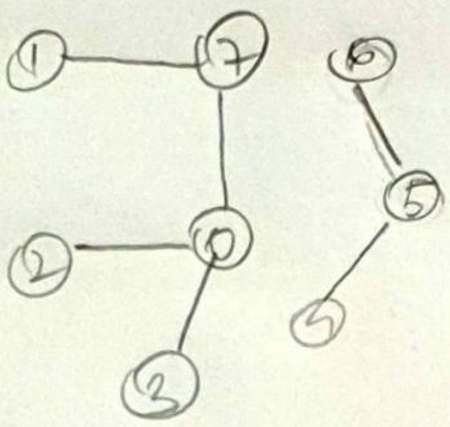
Lab 5 Find the vertex cover for a graph (first graph)



Dict bounds: 1: [7]

0: [2, 3, 7]

2: [0]

3: [0]

4: [6]

6: [5]

5: [4, 5]

7: [0, 1]

number - vertices = 8

number - edges = 6

degrees	visited	result	oh	node 1	node 2	
[(3,0), (1,1), (1,2), (1,3), (1,4), (1,5), (2,5), (2,7)]	(1,7) (0,7) (2,0) (3,0) [False, False, False, False, (4,5) (5,6) False, False]	{ }	0			initialisation
[(1,1), (1,2), (1,3), (1,4), (1,5), (2,5), (2,7)]	-11-	20}		0		iteration 1
[(1,1), (1,2), (1,3), (1,4), (1,5), (2,5), (2,7)]	(1,7) (0,7) (2,0) (3,0) [False, False, True, False, (2,5) (5,6) False, False]	{20}	1	0	2	
—— 11 ——	(1,7) (0,7) (2,0) (3,0) (5,5) (5,6) [F, F, T, T, F, F]	{20}	2	0	3	
—— 11 ——	[F, T, T, T, F, F] (1,7) (0,7) (3,0) (3,0) (4,5) (5,6)	20,3	3	0	7	
[(1,1), (1,2), (1,3), (1,4), (1,6), (2,7)]	—— 11 ——	20,5]	3	5		iteration 2
—— 11 ——	[F, (0,7) T, T, T, F, F] (1,7) (3,0) (3,0) (4,5) (5,6)	20,5]	4	5	6	
—— 11 ——	[F, (2,0) T, T, T, T, T] (1,7) (3,0) (4,5) (0,7) (5,6)	{0,5]	5	5	4	
[(1,1), (1,2), (1,3), (1,4), (1,6)]	—— 11 ——	20,5,7]	5	7		iteration 3
—— 11 ——	—— 11 ——	20,5,7}	5	7	0	
—— 11 ——	[T, T, T, T, T, T] (1,7) (3,0) (3,0) (4,5) (0,7) (5,6)	20,5,7}	6	7	1	

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