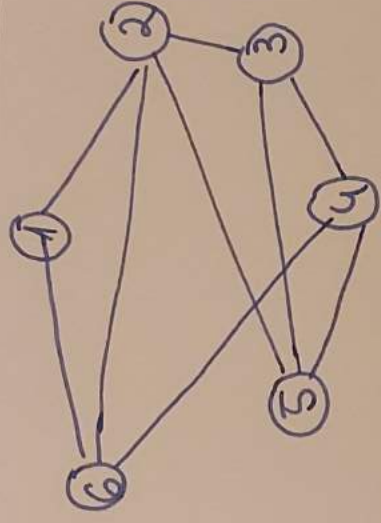


Lab 5, p62: Find the vertex cover of minimum size

input file:

6	9	2	3
1	2	3	5
1	6	3	4
2	6	4	6
2	5	4	5



	e	c: list	edges: list
initialization		[]	[[1,2],[1,6],[2,6],[2,5],[2,3],[3,5],[3,4],[4,6] [4,5]]
iteration 1	[1,2]	[[1,2]]	[[3,5],[3,4],[4,6],[4,5]]
iteration 2	[3,5]	[[1,2],[3,5]]	[[4,6]]
iteration 3	[4,6]	[[1,2],[3,5],[4,6]]	[]

End of the algorithm. The minimum vertex cover is 3 and is composed of [1,2], [3,5], [4,6].

