COL202: Discrete Mathematical Structures. I semester, 2017-18. Quiz 6 7 September 2017

Maximum Marks: 4

Name	Ent. No.
	aswer within the box. Anything written outside the box will be treated a your rough work on the free space on the flip side of this sheet.
	a partially ordered set (X, \preceq) is a total order \preceq_T on X such that for T y . Prove that every finite poset (X, \preceq) has a topological sorting.