Module: Elementary Data Structures

CSE 674 Advanced Data Structures and Algorithms

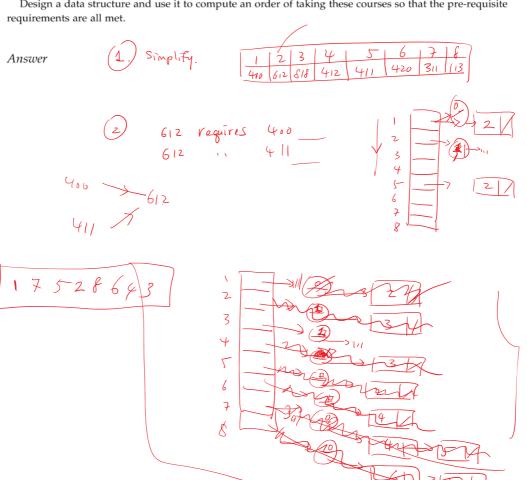
Class Activity: A data structure for topological sorting

Question

Consider the following table, which record a number of college courses and their pre-requisites.

Course	Pre-requisites	1				
612	400, 411		Specif	1-	partial	vala -
818	412, 612		Jecury		Julian	or yer
411	311					
412	113, 311, 420					
420	113					

Design a data structure and use it to compute an order of taking these courses so that the pre-requisite



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Answer: .

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O(m)

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