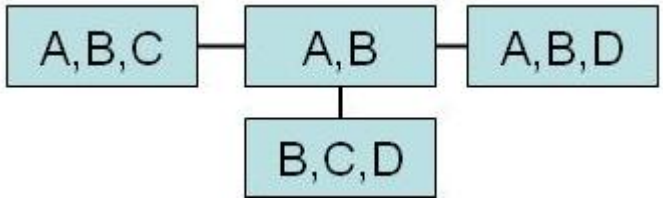
Practice Questions for Quiz 4

CS228 – Winter 2009

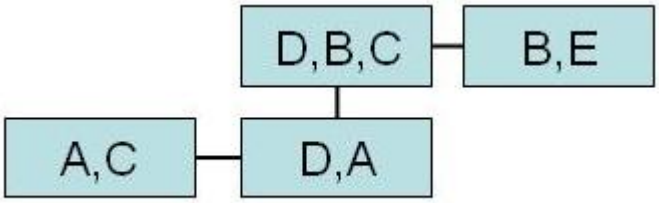
January 31, 2009

Note: This practice question was updated on Jan 31, 2009.
The following questions are provided as examples of the types of questions we will ask on the quiz this week, as well as the kinds of questions you should be asking yourself (and answering) as you read the text.

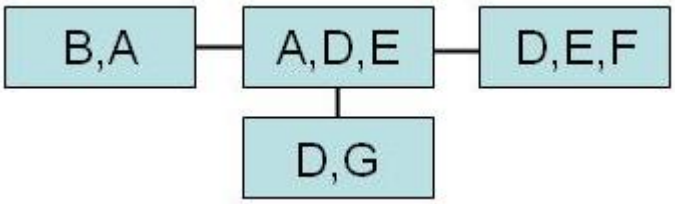
1. Which of the following cluster trees satisfies the running intersection property?
   a)



   b)



   c)



2. Assume that we have a Clique tree ***T*** over $\mathcal{X}$ such that, for every pair of nodes **X, Y** $\in \mathcal{X}$, there exists a clique that contains both **X** and **Y.** Prove that ***T*** must contain a single clique that contains all of $\mathcal{X}$.