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| **Homework 7 Due 11/12 by 11:59Actions for Homework 7 Due 11/12 by 11:59** | Nov 2, 2015 4:56 PM |
| 1) Formulate and solve with Lindo the critical path method handout attached  Done  2) Formulate and solve with Lindo the shortest path for the on pg 648 using s as the start node, x as end node  Done  3) Formulate to solve the coloring problem on the graph quiz (assume at most 6 colors), solve with lindo  Languate ppt slides  4) We defined two grammars on page 3 and page 6. Determine the type of classification for each grammar.  5) Discuss the differences between LL and LR parsings.  Give two real-world examples for LL and LR.    6) pg 864 29.2-4  Write out explicitly the linear program corresponding to finding the maximum flow in Figure 26.1 (a)  Ans:  7) 34.2-2  8) 34.2-7 9) 34.4-7  10)   a) Find a regular expression for the set of strings over {a,b} that does not contain the substring aaa. Give the FSM.  b) The set of binary strings with every 1 followed by two 0s.   c) The set of binary strings ending in 00 and not containing 11.   d)  The set of binary strings containing an even number of 1s.  Attachment(s):    |  |  |  |  | | --- | --- | --- | --- | | [https://elearn.etsu.edu/d2l/img/0/Images.FileTypeIcons.icnWord16x16.png?v=10.3.0.2146-179CPMModel\_quiz.docx](https://elearn.etsu.edu/d2l/common/viewFile.d2lfile/Database/NDU3MjEwMTY/CPMModel_quiz.docx?ou=6068098) (13.09 KB) |  |  |  | | |
| **LindoActions for Lindo** | Oct 21, 2015 6:59 PM |
| .  Attachment(s):    |  |  | | --- | --- | | [https://elearn.etsu.edu/d2l/img/0/Images.FileTypeIcons.icnZip16x16.png?v=10.3.0.2146-179Lindo6.zip](https://elearn.etsu.edu/d2l/common/viewFile.d2lfile/Database/NDUzOTUyMDM/Lindo6.zip?ou=6068098) (2.08 MB) |  | | |