

COP 4720 - Information Systems and
Databases II, Spring 2008,
Homework 3

Due date: 02 / 24 / 2008
Turn in hard copy in class

February 17, 2008

This homework covers the topics on index structures (Chapter 13.3 and Ch 13.4). All the questions are from the text book.

Note that there won't be any partial points for the bonus question.

1. 13.3.1 c
2. 13.3.4 b
3. 13.3.5 g, h (show the contents of the tree after each the insert operation for g.)
4. 13.4.6 c, d (Show the contents of the index after half of the records are inserted and after all the records are inserted.)
5. [5 % **Bonus question**] 13.4.4 c (Explain your reasoning)