
Database Systems

Instructor: Hao-Hua Chu
Fall Semester, 2004

Assignment 7: Extendible Hashing and Linear Hashing

Deadline: At the end of the TA office hour, November 16 (Tuesday), 2004

This is an individual assignment, that is, no group submissions are allowed.

Late Policy: You may hand in your late assignment at TA's office hour on Wed (11/17/2004) for 80% of original grade. We will not accept any assignment submissions after Wed.

Questions

- Exercise 11.2 in the Ramakrishnan & Gehrke (R&G) textbook
- Exercise 11.6 in the R&G textbook (show the sequence of record insertions)
- Consider Figure 11.14 in the R&G textbook, show a sequence of two record deletions that would lead to decrease of global depth to 2. Also draw the entire extendible hash table (directory, buckets, global/local depth, etc.) after the deletion sequence.

Submission

Hand in your answers to the two questions. Please include your name and ID.