

CS848: Query Processing for Non-traditional Applications

(Spring, 2013)

Assignment 1 (due in class May 13th)

Overview: Your submission provides an opportunity for the instructor to learn a bit about your background understanding of the topic of database. Thus, you will not be provided with a grade! (Just a thanks.)

Assignment submission: A pdf file of your answers emailed to the instructor (david@uwaterloo.ca) by the assignment due date. Your answers should be prepared in either Microsoft word or in Latex. Plan on around 300 words for the total submission.

Question 1.

Give a brief overview of each of the following using no more than three or four sentences in each case. (It is ok to say that you are not familiar with the topic.)

- embedded SQL and cursors
- role of integrity constraints
- relational calculus versus relational algebra
- relational database technology
- information integration
- information extraction