Today’s class: Graefe’s survey of query evaluation and associated notes.  
Next class: catch-up; review.

1. List the members of your group below. Underline your name.

2. What is the multiplicity of the mapping between logical and physical operators? Justify your answer using examples.

3. Other than diagrammatic representations, what is the difference between a left-deep plan and a bushy plan? Similarly, what is the difference between a left-deep plan and a right-deep plan (other than graphical representation)? Provide illustrative examples.
4. Provide a concrete example illustrating how a standard operating-system policy for buffer management, such as LRU replacement, may be particularly ill-suited for database workloads.

5. Write a standard SQL92 (SQL2) query that is equivalent to the query described in the first paragraph of Section 4.5 (page 103).