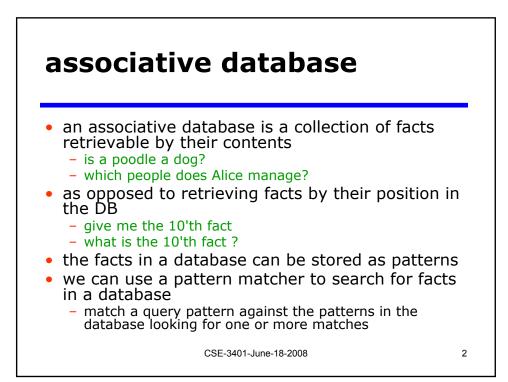
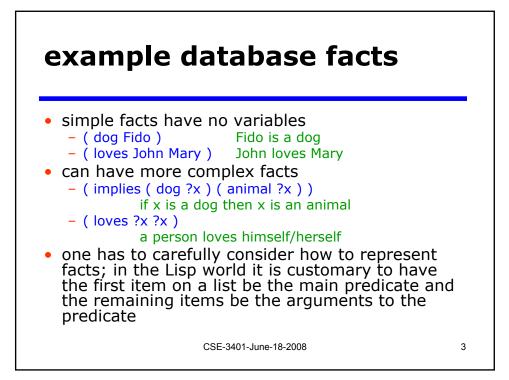
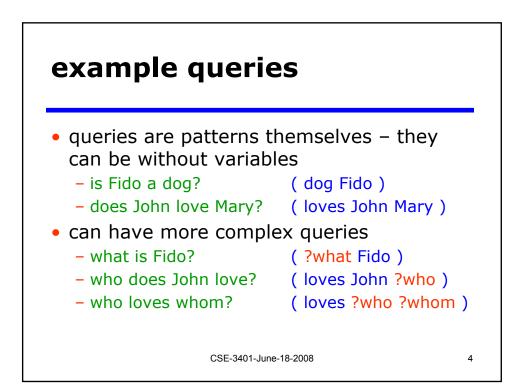
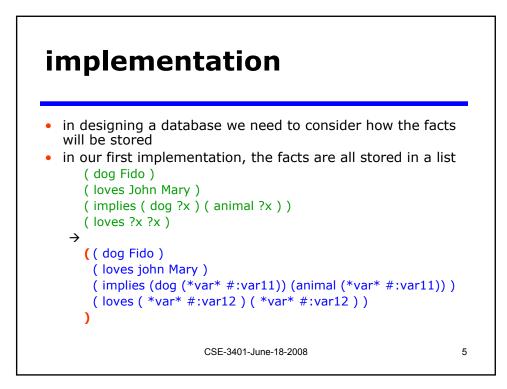
Associative Database Management Wilensky Chapter 22

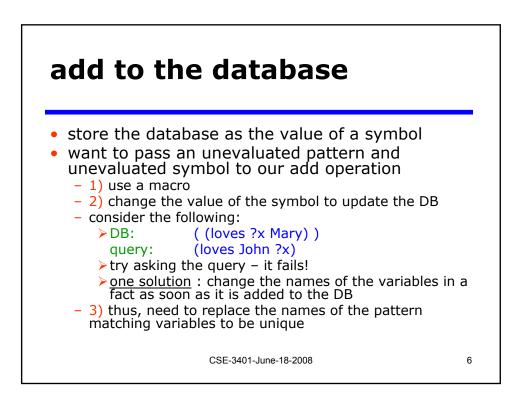
Shakil M. Khan adapted from Gunnar Gotshalks

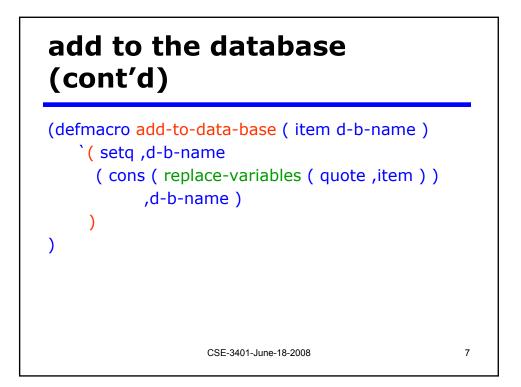


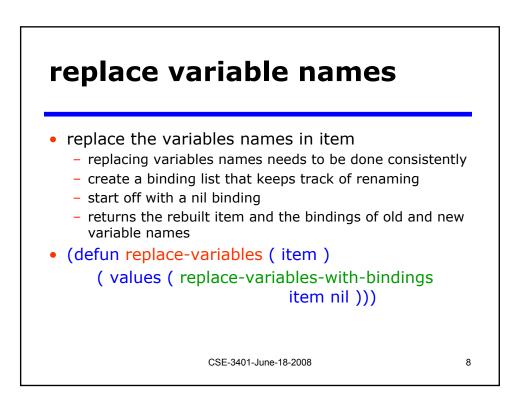




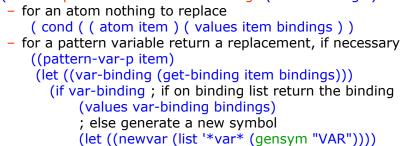












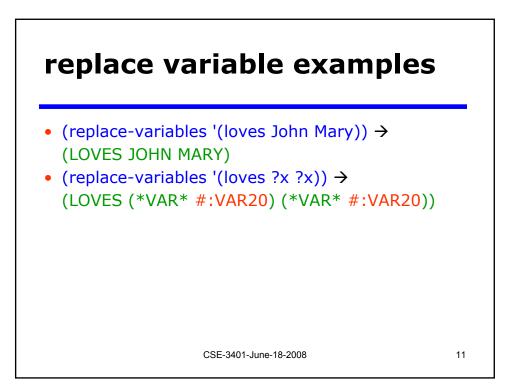
(values newvar (add-binding item newvar

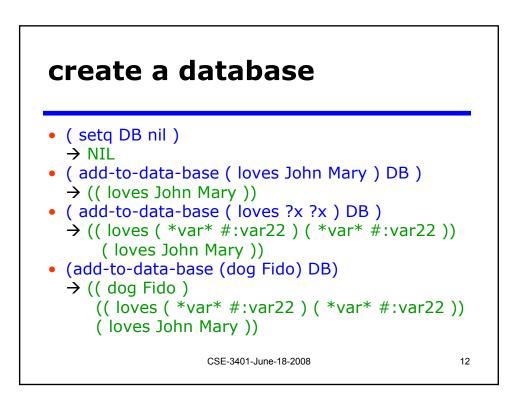
bindings))))))

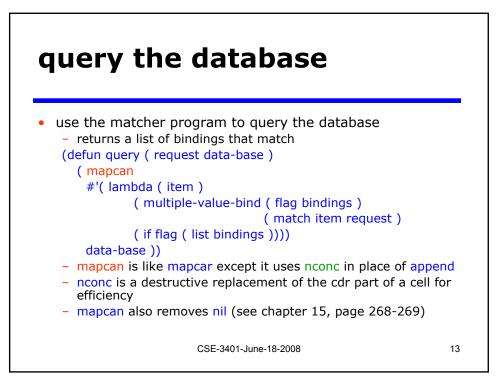
9

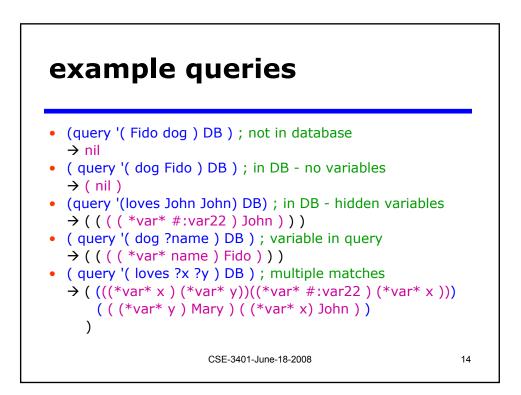
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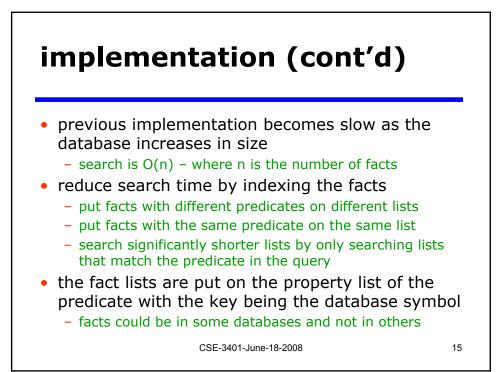
replace variable names using bindings (cont'd) item is neither an atom nor a pattern variable use recursion have to remember bindings from the "car" recursion for the "cdr" recursion (t (multiple-value-bind (newlhs lhsbindings) (replace-variables-with-bindings (car item) bindings) (multiple-value-bind (newrhs finalbindings) (replace-variables-with-bindings (cdr item) lhsbindings) (values (cons newlhs newrhs) finalbindings)))))) CSE-3401-June-18-2008 10

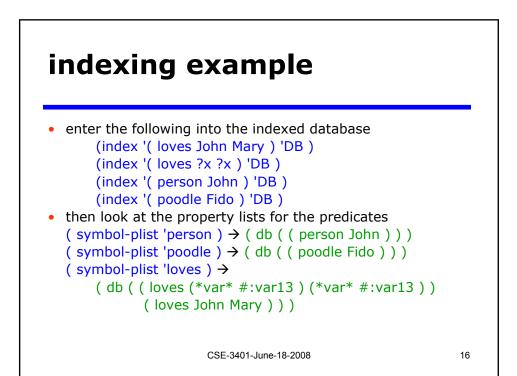


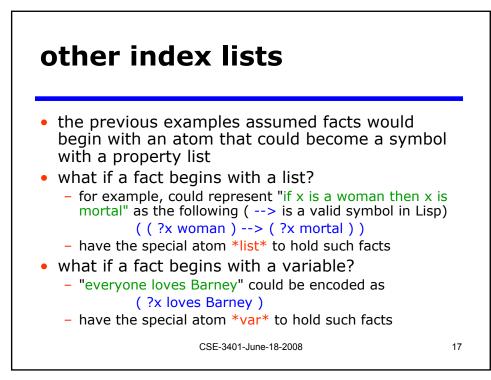


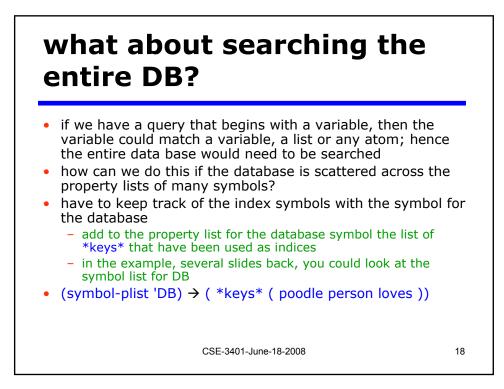


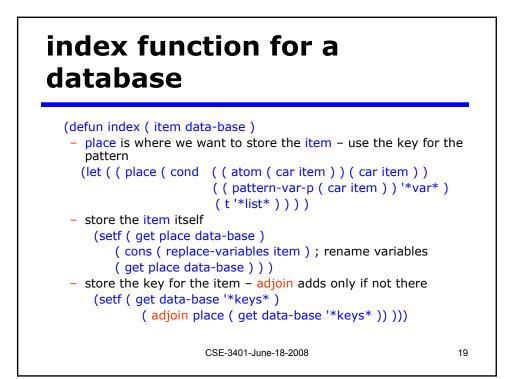


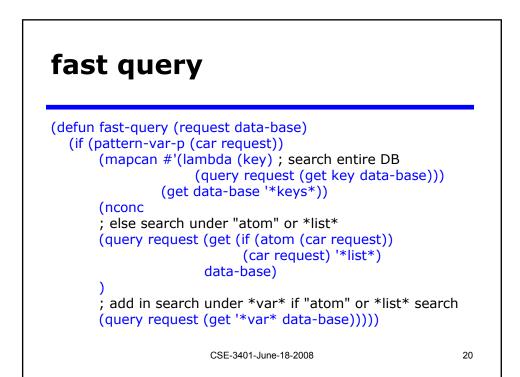


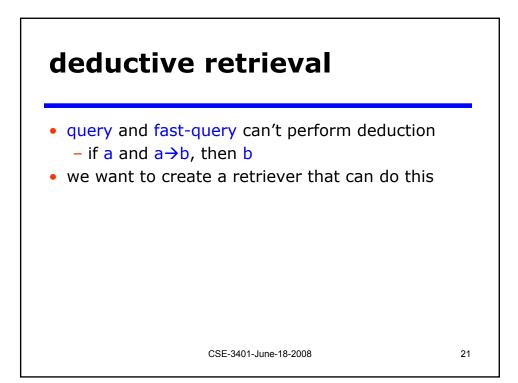


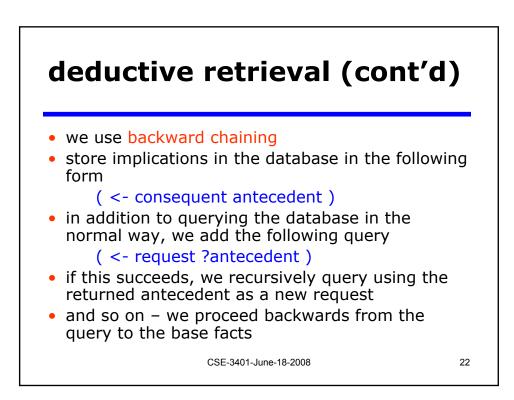




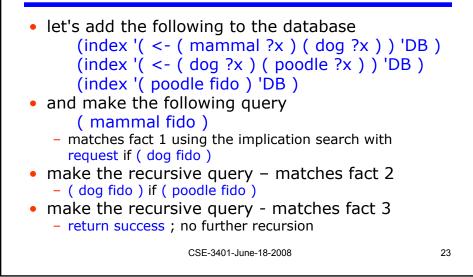


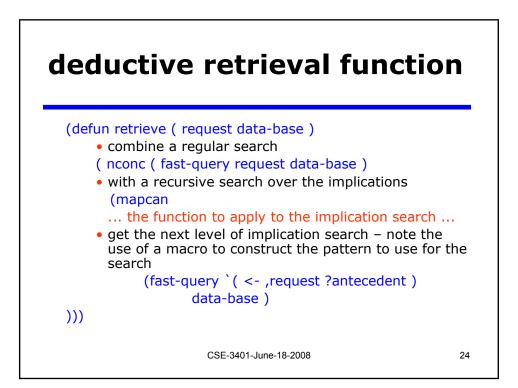


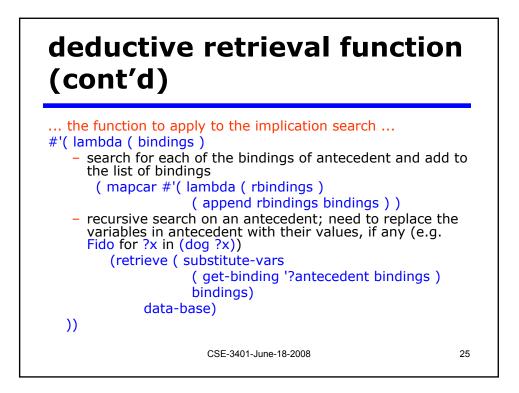


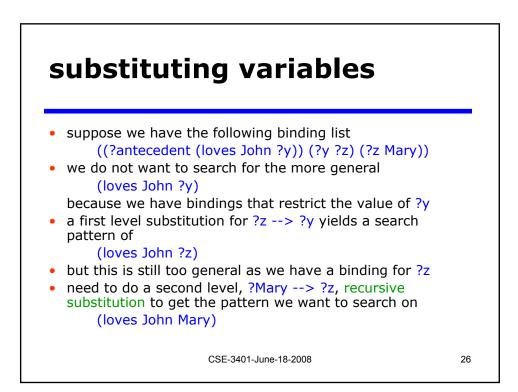




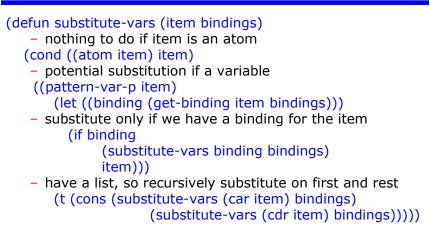








substitute variables for deductive retrieval



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