



- queries ask for results in all combinations; not like Java or C where functions are programmed for only one query
  - append ([1,2,3],[a,b,c],R). what is the result of appending L1 and L2?
  - append (L1, [a, b, c], [1, 2, 3, a, b, c]). what L1 gives [1, 2, 3, a, b, c] when appended with [a, b, c]?
  - append ([1,2,3],L2,[1,2,3,a,b,c]). what L2 gives [1,2,3,a,b,c] when appended to [1,2,3]?

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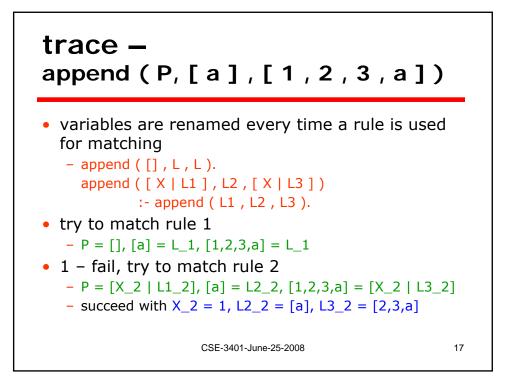
## append(L1,L2,R) cont'd

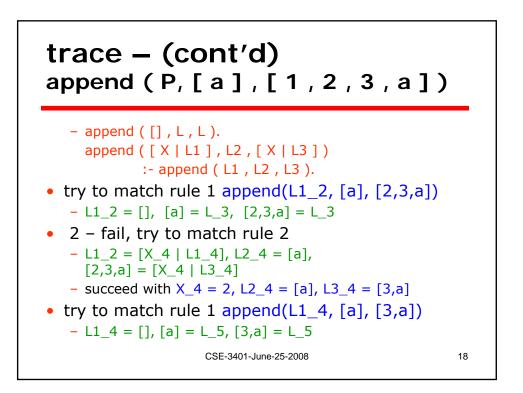
- append (L1, L2, [1, 2, 3, a, b, c]). what L1 and L2 gives [1, 2, 3, a, b, c] when L2 is appended to L1?
- append (L1, L2, R).
  what L1 and L2 give R? Infinite number of answers
- append (Before , [Middle | After] , List ).
  if middle is defined we can get the before and after

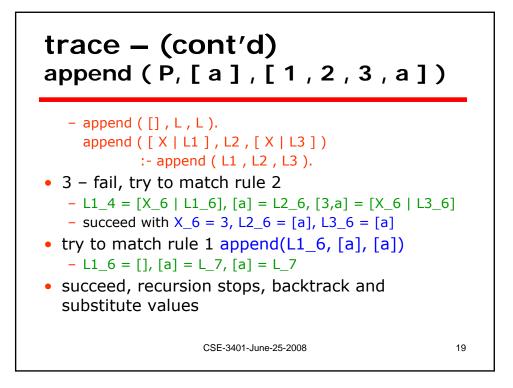
append (Before, [4 | After], [1,2,3,4,5,6,7]).

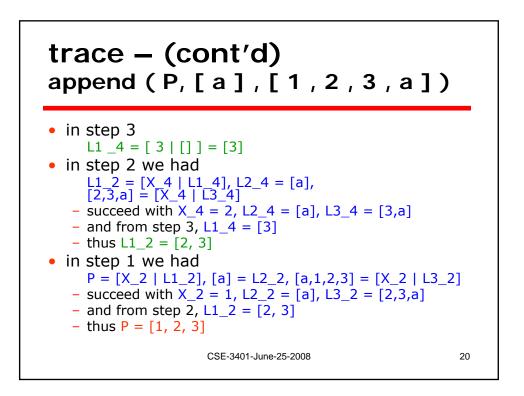
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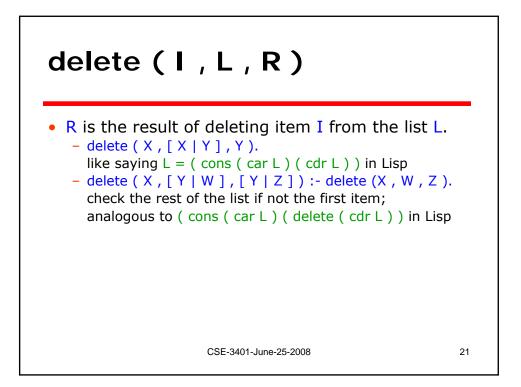
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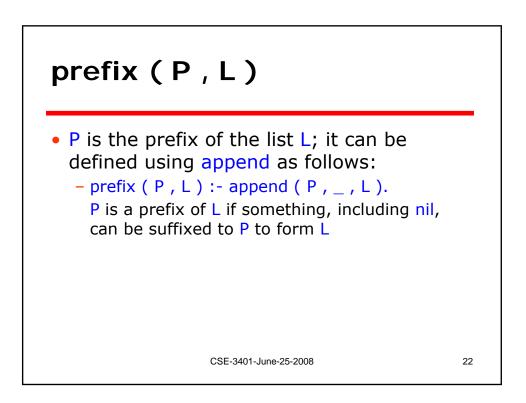


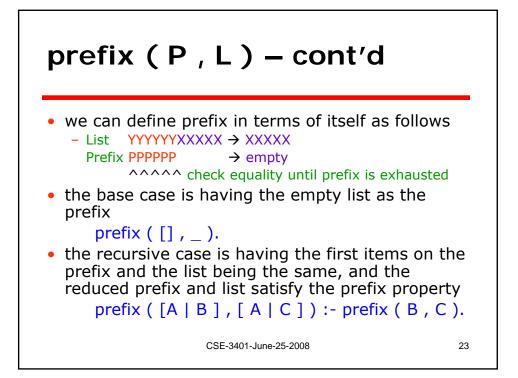


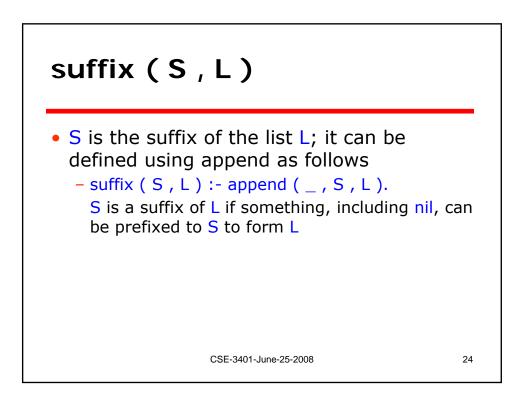


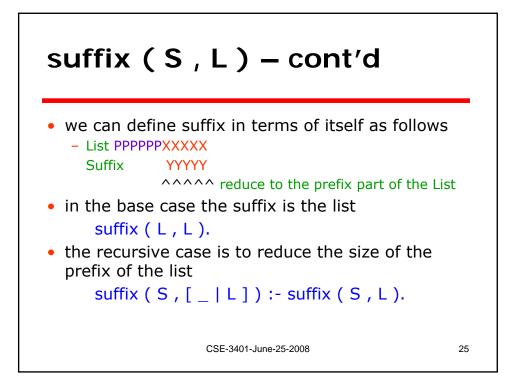


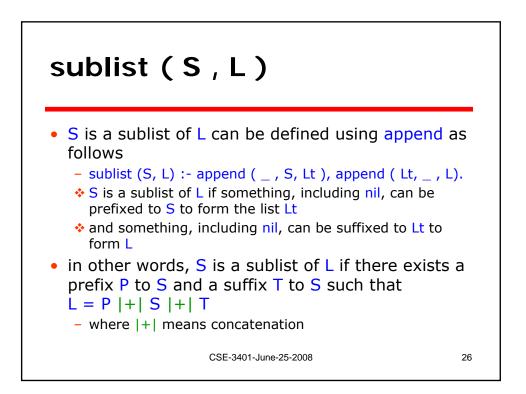


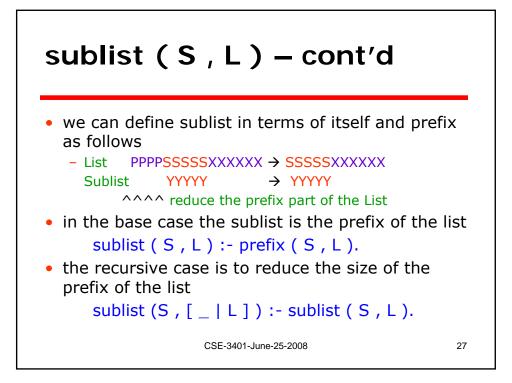


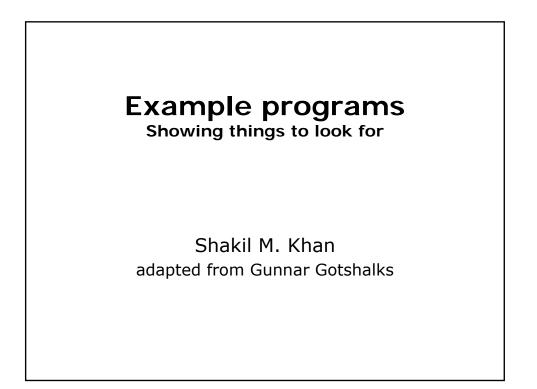


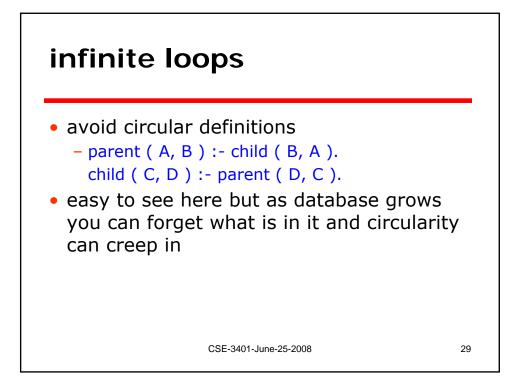


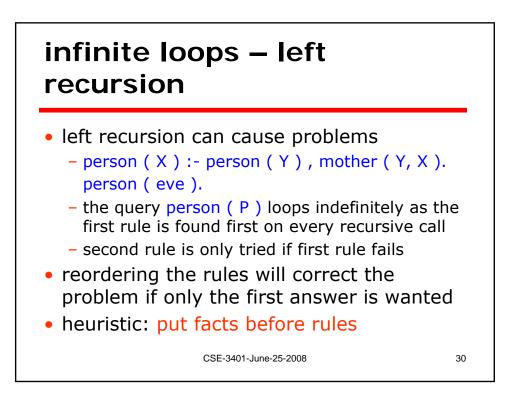


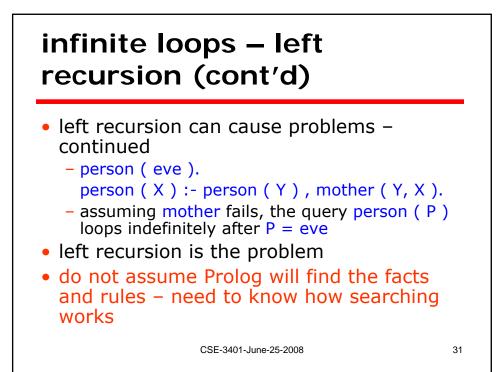












## multiple answers – isList, weakList

