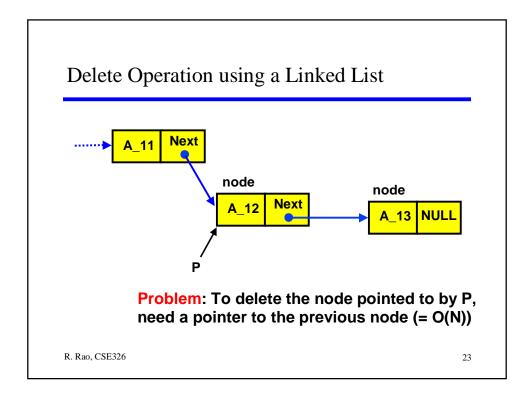


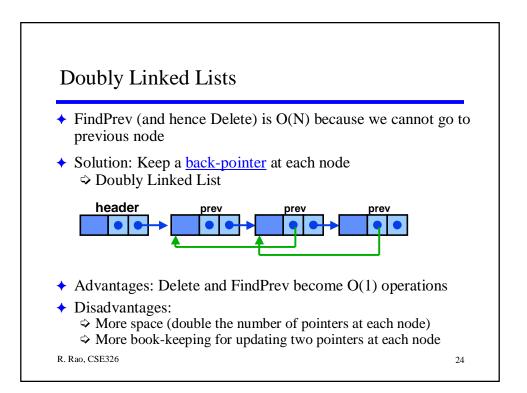
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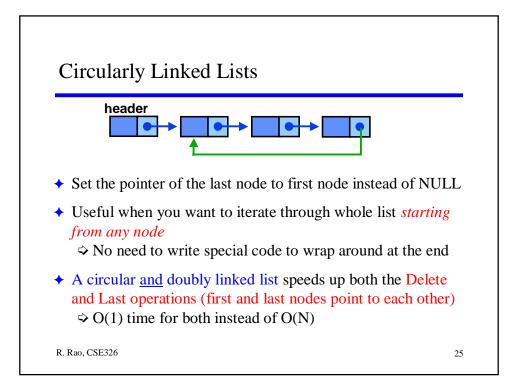
Operation	Array-Based List	Linked List
isEmpty	O(1)	O(1)
Insert	O(N)	O(1)
FindPrev	O(1)	O(N)
Delete	O(N)	O(N)
Find	?	?
FindNext	?	?

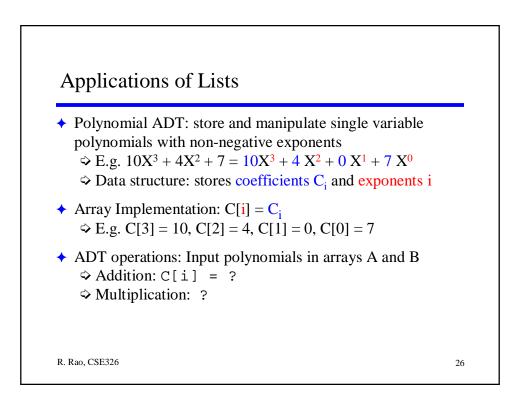
Operation	Array-Based List	Linked List
isEmpty	O(1)	O(1)
Insert	O(N)	O(1)
FindPrev	O(1)	O(N)
Delete	O(N)	O(N)
Find	O(N)	O(N)
FindNext	O(1)	O(1)
First	?	?
Kth	?	?
Last	?	?
Length	?	?

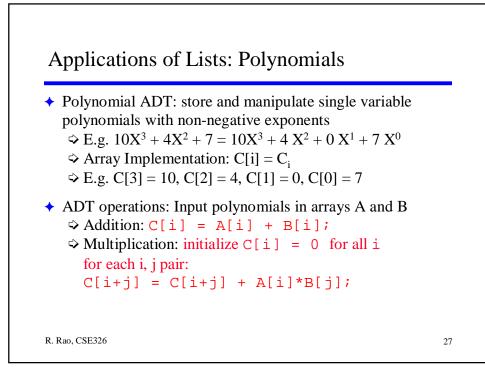
er List Operations: Run time analysi				
Operation	Array-Based List	Linked List		
isEmpty	O(1)	O(1)		
Insert	O(N)	O(1)		
FindPrev	O(1)	O(N)		
Delete	O(N)	O(N)		
Find	O(N)	O(N)		
FindNext	O(1)	O(1)		
First	O(1)	O(1)		
Kth	O(1)	O(N)		
Last	O(1)	O(N)		
Length	O(1)	O(N)		

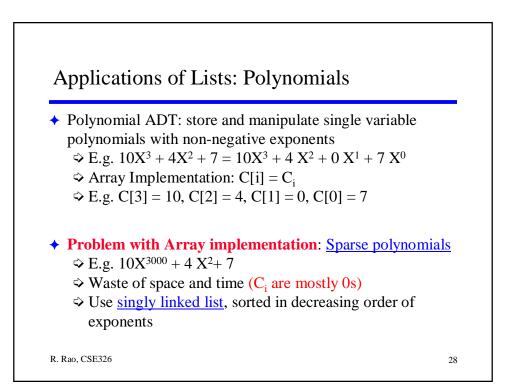


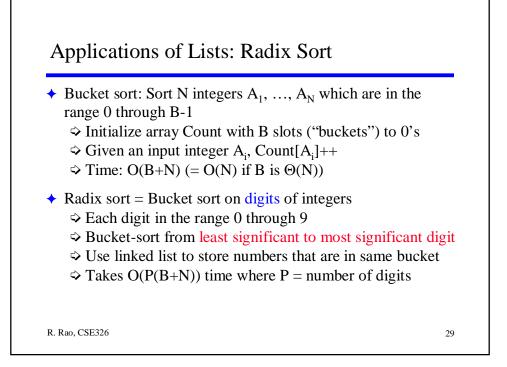


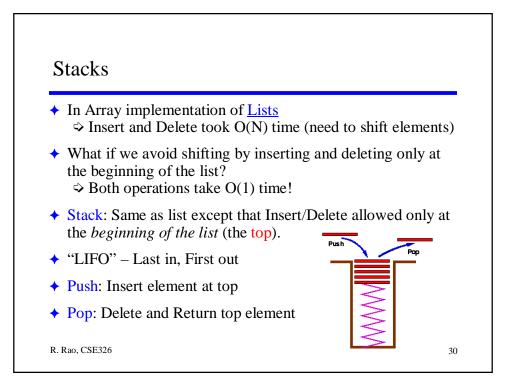














To do this week:

Homework no. 2 on the Web (due next Monday)

Read Chapters 3 and 4

R. Rao, CSE326

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