

# CS 2100 - Vectors

Note Title

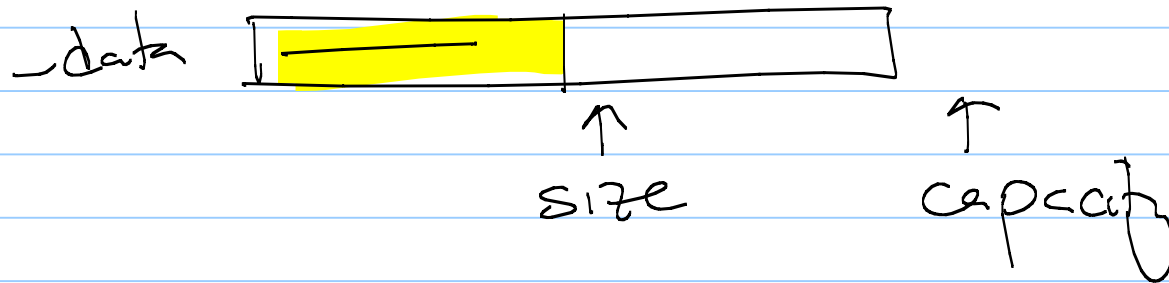
10/20/2011

## Announcements

- Test 1 week from Monday, +  
review 1 week from today
- HW is due Wednesday
  - partners, submit to me

Vector :  
"nice" version of array

implementation:



Goal:

- resize automatically
- hide grungy details

# Runtime

- insert  $\circ \mathcal{O}(n)$  - 2 for loops, not nested

- erase

Analysis

Consider push\_back in a vector

Running time? (worst case)