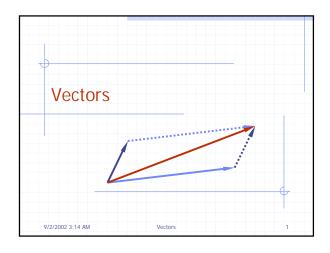
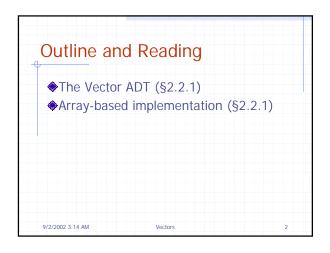
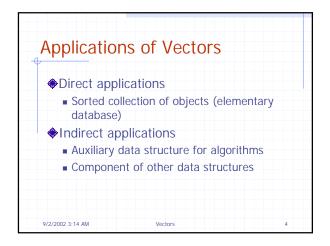
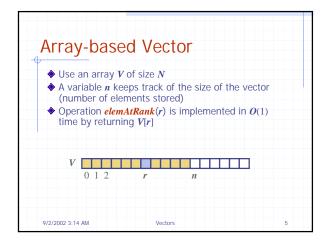
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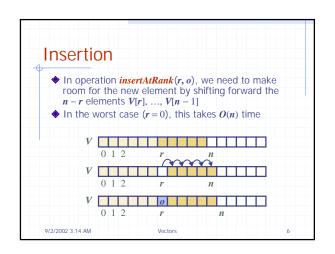




## The Vector ADT ◆ The Vector ADT Main vector operations: object elemAtRank(integer r): extends the notion of returns the element at rank r without removing it array by storing a sequence of arbitrary object replaceAtRank(integer r, object o): replace the element at rank with o and return the old objects ♦ An element can be accessed, inserted or removed by specifying • insertAtRank(integer r, object o): its rank (number of insert a new element o to have rank r elements preceding it) object removeAtRank(integer r): An exception is removes and returns the element at rank r thrown if an incorrect rank is specified (e.g., Additional operations size() and a negative rank) isEmpty() 9/2/2002 3:14 AM







Vectors 9/2/2002 3:14 AM

