CE205 Data Structures Week-15

Hashing Techniques for Expandable Files,Tries, Approximate String Matching, Trie Hashing, Seconday Key Retrieval (2), File Sorting

Author: Asst. Prof. Dr. UÄŸur CORUH

# CE205 Data Structures

# Week-15

### Hashing Techniques for Expandable Files,Tries, Approximate String Matching, Trie Hashing, Seconday Key Retrieval

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### Outline

* Hashing Techniques for Expandable Files
  + Extendible Hashing
  + Dynamic Hashing
  + Linear Hashing
* Other Tree Structures
  + Tries
  + Approximate String Matching
  + Trie Hashing
  + PATRICIA Trees
  + Digital Search Trees
* Seconday Key Retrieval (2)
  + K-d trees
  + Grid Files
* File Sorting
  + Insertion Sort
  + Quicksort
  + Heapsort
  + External Sorting
  + Sorting by Merging
  + Disk Sort