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

Download [PDF](pandoc_ce205-week-15-hashing-trie.en_doc.pdf),[DOCX](pandoc_ce205-week-15-hashing-trie.en_word.docx), [SLIDE](ce205-week-15-hashing-trie.en_slide.pdf), [PPTX](ce205-week-15-hashing-trie.en_slide.pptx)

### 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