

CE205 Data Structures

Week-15

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

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Outline

- Hashing Techniques for Expandable Files
 - Extendible Hashing
 - Dynamic Hashing
 - Linear Hashing

Outline

- Other Tree Structures
 - Tries
 - Approximate String Matching
 - Trie Hashing
 - PATRICIA Trees
 - Digital Search Trees

Outline

- Secondary Key Retrieval (2)
 - K-d trees
 - Grid Files

Outline

- File Sorting
 - Insertion Sort
 - Quicksort
 - Heapsort
 - External Sorting
 - Sorting by Merging
 - Disk Sort

End – Of – Week – 15