

String Searching/Matching Using Trie

Application

- Text Search:
 - Plagiarism Detection:
 - Spell Checkers:
 - Finding occurrences of a pattern (substring).
-

Belows algorithms are primarily used for string matching and string searching.
It is a popular algorithm for finding occurrences of a pattern (substring)
within a text (string) efficiently.

Algorithms :

- 1.Rabin-Karp Algorithm (Rolling Hash)
 - 2.KNuth-Morris-Pratt (Prefix-Function)
 - 3.Z-Function (Alternate to KMP algo.)
 - 4.Manachar's Algorithm (Palindrome-Searching-Algo)
- =>To find the longest palindromic substring within a given text or string.
-