

Week 13 – Implementation of Tries

Create a trie, Insert a key into a trie , delete a key from the trie , search for a key in the trie.

- 1) Insert a value.
- 2) Delete a value.
- 3) Search if a value is present.

Input Format:

Each line contains the following operation code.

- 0 - Exit the program
- 1 x - Insert the value string 'x' into the trie.
- 2 x - Delete the value 'x' if present in the trie,if key not present do not do anything.
- 3 x - Search if a value 'x' is present in the trie if present return 1 else print -1.

Output Format:

Output is required for one operations only.

- 3 x - Search if a value 'x' is present in the trie if present return 1 else print -1.