

## Editorial:

We can solve this problem using trie data structure. The structures required in the problem is same as that of a trie. Every node of Trie consists of multiple branches. Each branch represents a possible character of keys. We need to mark the last node of every key as end of word node. A Trie node field *isEndOfWord* is used to distinguish the node as end of word node. We will keep count of the nodes and increment the count variable whenever we construct a new node.