

## Editorial:

The solution can be made easy by using the data structure Trie. At each node of a trie we will store the children of that node in an array form as well as the count of how many strings share this node. We will store the count from each node in an array and at last sum the elements of the array. If the child node is null then we will store the count of the parent only and if the child node exist then we will store the difference of the count of parent and the count of the child.