Challenge 1: Total Number of Words in a Trie

For your first challenge regarding tries, you'll be writing a very commonly used function which gives us the trie word count.

We'll cover the following

Problem Statement#

Implement the `total_words()` function which will find the total number of words in a trie.

Input#

The root node of a trie.

Output#

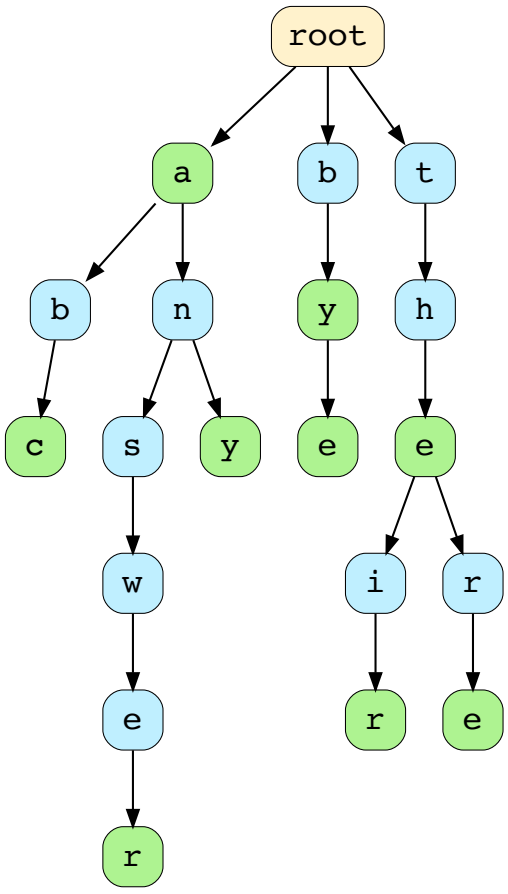
Returns total number of words in a trie.

Sample Input#

```
keys = ["the", "a", "there", "answer", "any",
        "by", "bye", "their", "abc"]
```

Sample Output#

```
9
```



Total Number of Words : 9

Coding Exercise

Design a step-by-step algorithm first before jumping on to th implementation. This problem is designed for your practice, so try to solve it on your own first.

If you get stuck, you can always refer to the solution in the next lesson.

Good luck!

main.py

Trie.py

TrieNode.py

```
class TrieNode:
    def __init__(self, char=''):
        self.children = [None] * 26  # This will store pointers to the children
        self.is_end_word = False  # true if the node represents the end of word
        self.char = char  # To store the value of a particular key
```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Deletion in Trie

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Solution Review: Total Number of Wor...

Completed

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