1832. Check if the Sentence Is Pangram - 21/08/24

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`Easy`   `Topics`   `Companies`   `Hint`

A **pangram** is a sentence where every letter of the English alphabet appears at least once.

Given a string `sentence` containing only lowercase English letters, return `true` if `sentence` is a **pangram**, or `false` otherwise.

Example 1:

```
Input: sentence = "thequickbrownfoxjumpsoverthelazydog"
Output: true
Explanation: sentence contains at least one of every letter
of the English alphabet.
```

Example 2:

```
Input: sentence = "leetcode"
Output: false
```


Input : "the quick brown fox jumps over the lazy dog"

a, b, c, d . . _   z

Output : True

take a array to count all alphabetic letter

ASCII value

CORRECTION -> 'a' = 97, 'b' = 98, 'c' = 99

any letter - 'a'

either number of letter - a(97)

$$'d' - 'a'$$
$$= 64 - 61$$
$$= 3$$

Solution

```cpp
class Solution {
public:
    bool checkIfPangram(string sentence) {
        vector<int> arr(26,0);

        int count = 0;
        for(char &ch : sentence){
            int index  = ch - 'a';
            if(arr[index]==0){
                arr[index]++;
                count++;
            }
        }
        if(count==26){
            return true;
        }
        return false;

    }
};
```