Programming Assignment-2: Panagrams

Due on 2020-03-26, 23:59 IST

A panagram is a sentence containing every 26 letters in the English alphabet. Given a string \( S \), check if it is panagram or not.

Input Format:
The first line contains the sentence \( S \).

Output Format:
Print ‘YES’ or ‘NO’ accordingly

Example:

Input:
The quick brown fox jumps over the lazy dog

Output:
YES

Sample Test Cases

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<tr>
<th>Test Case</th>
<th>Input</th>
<th>Output</th>
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<tr>
<td>1</td>
<td>Ghe quick brown fox jumps ovar the lezy do T</td>
<td>YES</td>
</tr>
<tr>
<td>2</td>
<td>Ghe quick bxown for jumps ovar the lezy do T</td>
<td>YES</td>
</tr>
<tr>
<td>3</td>
<td>abc</td>
<td>NO</td>
</tr>
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</table>
The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

Sample solutions (Provided by instructor)

```python
def checkPangram(s):
    List = []
    # create list of 26 characters and set false each entry
    for i in range(26):
        List.append(False)

    #converting the sentence to lowercase and iterating
    # over the sentence
    for c in s.lower():
        if not c == " ":
            # make the corresponding entry True
            List[ord(c) - ord('a')] = True

    #check if any character is missing then return False
    for ch in List:
        if ch == False:
            return False

    return True
```

# Driver Program to test above functions
sentence = input()
if (checkPangram(sentence)):
    print("YES")
else:
    print("NO")
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<th>Anagrams (unit? unit=142&amp;lesson=154)</th>
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