
Vocals to Morse translator

X66038_en

We want to translate into Morse code message written using only capital vowels that is hidden in a string *s*.

For example, if *s* = "LALALAlalala" the message is "AAA" and its translation to Morse code is ".- .- .-".

Implement the function *morse_vowel_translator* (*dic_morse_vow*, *s*) such that given the dictionary *dic_morse_vow* whose keys are the capital vowels and their values their respective Morse codes, returns the translation of the message hidden at *s*. To find this message, you have to extract from *s* the capital vowels that it contains, preserving the order in which they appear. The translation of the message is simply the Morse code of each capital vowel, separated by a blank space. In case the message is empty, an empty string must be returned.

Observation

The dictionary *dic_morse_vow* = "A": ".-", "E": ". .", "I": ". . .", "O": " ---", "U": ". . -" will be given in private test cases.

Sample session

```
>>> dic_morse_vow = {"A": ".-", "E": ". .", "I": ". . .", "O": " ---", "U": ". . -"}
>>> morse_vowel_translator(dic_morse_vow, "LALALAlalala")
'.- .- .-'
>>> morse_vowel_translator(dic_morse_vow, "AaEeIiOoUu")
'.- . . . --- . . -'
>>> morse_vowel_translator(dic_morse_vow, "aeiou")
''
>>> morse_vowel_translator(dic_morse_vow, "UOIAE")
'. . - --- . . . - .-'
>>> morse_vowel_translator(dic_morse_vow, "AIAIAIAI")
'.- . . .- . . .- . . .- .-'
>>> morse_vowel_translator(dic_morse_vow, "A")
'.- '
>>> morse_vowel_translator(dic_morse_vow, "E")
'. .'
>>> morse_vowel_translator(dic_morse_vow, "I")
'. . .'
>>> morse_vowel_translator(dic_morse_vow, "O")
' --- '
>>> morse_vowel_translator(dic_morse_vow, "U")
'. . -'
```

Problem information

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