

**Stream: Python**  
**Tech Module: Functions/Modules/Packages**  
**Project: 2**

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Create a Python module with the following functions:

Function Name	Task
ispalindrome(name)	Given the user name as input, this function should tell us whether the name is a palindrome or not.
count_the_vowels(name)	Given the user name as input, this function should tell us how many vowels are present in it.
frequency_of_letters(name)	Given the user name as input, this function should tell us how many times each letter appears in the name.

**Note:** name will be completely in either lower case or upper case.

Import the module in another python script and test the functions by passing appropriate inputs.

**Sample input 1:** bob

**Sample output 1:**

Yes it is a palindrome.

No of vowels: 1

Frequency of letters: b-2, o-1

**Sample input 2:** marcel bentok tanaka

**Sample output 2:**

No it is not a palindrome.

No of vowels: 7

Frequency of letters: m-1, a-4, r-1, c-1, e-2, l-1, b-1, n-2, t-2, o-1, k-2