**python3 student\_no.py**  # takes inputs from the terminal and displays results (if any).

**python3 student\_no.py<input1.txt** # it takes inputs from input1.txt and displays the result in the terminal.

**python3 student\_no.py<input1.txt>myoutput.txt** # it takes the inputs from input1.txt and creates the myoutput.txt document and writes the result here.

**diff output1.txt myoutput.txt** # compares the document output1.txt with the document myoutput.txt.

**diff --ignore-all-space output1.txt myoutput.txt** # compares the document output1.txt with the document myoutput.txt without ignoring the spaces.

**QUESTION 1**

Write a function that takes a string from the user, counts the vowels in the string, and prints the number of times each vowel appears, and write a program that runs the function.

**Note:** You can use the lower() function to convert characters to lowercase so that the search is case-insensitive. Turkish characters should not be included.

**Note:** It is mandatory to use a function.

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| **Example**  Ankara Universitesi | **Example**  AabcdEfeUuOoUuIjkli |

|  |  |
| --- | --- |
| **Example 1**  **9 # number of vowels**  **a: 3**  **e: 2**  **i: 3**  **o: 0**  **u: 1** | **Example 2**  **12 # number of vowels**  **a: 2**  **e: 2**  **i: 2**  **o: 2**  **u: 4** |