

STRING FUNCTIONS IN PYTHON

INSTRUCTIONS FOR TASKS

PROBLEM 1: VOWEL COUNTER FOR ALF

- Instruction: Develop a user-input program to count the number of vowels in a word using the provided code template. The program should prompt the user to enter a word, and then utilize string functions to iterate through the characters and identify vowels. Display the count of vowels in the entered word.

For displaying the number of vowels, utilize an appropriate string concatenation method, showcasing your personal preference.

- Note: Ensure the program gracefully handles user inputs and counts vowels accurately. Display the result with a clear and readable format.
- Example Output:

```
VOWEL COUNTER FOR ALF
```

```
Please, enter a word/s to check: AWS Cloud Club  
The number of vowels in 'AWS Cloud Club' is: 4
```

PROBLEM 2: PALINDROME CHECKER FOR ALF

- Instruction: Develop a user-input program to check if the entered word is a palindrome using the provided code template. The program should prompt the user to input a word and then utilize string functions to compare the original word with its reverse. Display whether the entered word is a palindrome or not.

For displaying the result if palindrome, utilize an appropriate string concatenation method, showcasing your personal preference.

- Note: Ensure the program handles user inputs appropriately and provides clear feedback on the palindrome status..
- Example Output:

```
PALINDROME CHECKER FOR ALF
```

```
Please, enter a word/s to check: level  
'level' is a palindrome.
```

