

Filoger Comprehensive Python For Al Course 2024

Exercises 21

Deadline: 2024 24 October

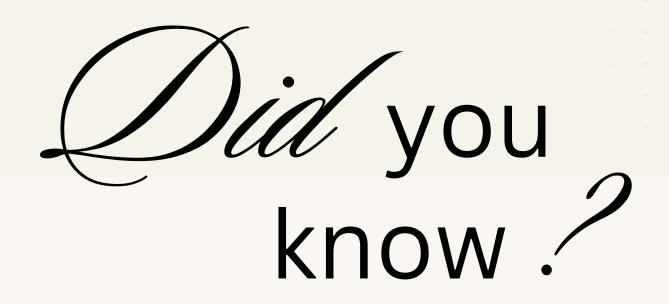
Score: 150 + 50

Thursday - 2024 18 October

Question1

Create a class called MyString that inherits from the built-in str class in Python. Your task is to enhance the functionality of the str class by performing the following:

- I. Override the lower() method: Modify this method so that it converts the string to lowercase and appends an exclamation mark (!) at the end.
- 2.Add a count_words() method: Implement a new method count_words() that returns the number of words in the string. Words are separated by spaces.
- 3. Override the replace() method: Modify the replace() method so that when replacing a word, the string is also converted to uppercase before performing the replacement.
- 4. Override the ___add___() method: Modify the string concatenation (+) behavior to automatically insert a space between two MyString objects when they are added together.
- 5. Override the __mul__() method: Modify the string multiplication (*) behavior so that when a MyString object is multiplied by an integer, it repeats the string with a dash (-) separating each repetition.



You automatically lose the chances you don't take. Trust yourself. You can do this.



Don't give up on your dreams:)