Fluential Programming Skills Test

Abstract

Create 2 objects with documentation and test cases.

1 Objects

There are 2 Objects: a List object and a Class Tagged Sentence Object.

1.1 List Object

The list object holds one or <u>more</u> sets of words and maps each set to a string.

1.1.1 Example data

1. {jack, jill} $\Rightarrow$ NAME
2. {one, two, three, ..., nine} $\Rightarrow$ NUM

1.2 Class Tagged Sentence Object

1.2.1 input

Input is a string of words.

1.2.2 output

The Class Tagged Sentence object must be able to return 4 strings: The original sentence, the words that were tagged, the words not tagged, and the Class Tagged Sentence with the words replaced with strings from the List Object.

1.2.3 processing

The input is a string. It should be converted to lower case.

2 Documentation

The objects and methods should be documented.

3 Tests

There should be several test cases, preferably in the style of the programming language chosen. The tests should cover normal functioning of the objects and any corner cases.

4 Example Data

input	I'm Jack and I'm three years old
untagged	i'm and i'm years old
tagged	jack three
class tagged	i'm NAME and i'm NUM years old