

Module 2 Quiz

TOTAL POINTS 5

1.Question 1

The function to use to make a string variable, `string1`, uppercase is:

- ☐ `string1.toupper()`
- ☐ `string.toupper(string1)`
- ☒ `string1.upper()`
- ☐ `string.upper(string1)`

2.Question 2

A string variable, `string2`, has some lagging whitespace characters. You would remove these using:

- ☐ `string2.lstrip()`
- ☐ `string2.lstrip('')`
- ☒ `string2.rstrip()`
- ☐ `string2.rstrip('')`

3.Question 3

What does NLTK's function `word_tokenize()` do?

- ☒ It splits a sentence into words.
- ☐ It splits a word into characters.
- ☐ It retains valid words and tokens in a sentence and removes invalid words.
- ☐ It finds valid word forms for tokens in a sentence (i.e. maps all words to closest valid words).

4.Question 4

What is a sentence parser typically used for?

- ☐ It is used to parse sentences to check if they are utf8 compliant.
- ☒ It is used to parse sentences to derive their most likely syntax tree structures.
- ☐ It is used to parse sentences to assign parts of speech tags to all tokens.
- ☐ It is used to check if sentences can be parsed into meaningful tokens.

5.Question 5

If you want to map all derivationally related words to their root verb using NLTK, you will use:

- ☒ Lemmatizer
- ☐ Porter Stemmer
- ☐ Splitter
- ☐ Word sense disambiguator