

CC: 3.2.1: Introduction to Language Processing

Introduction to Language Processing: Question 1

1/1 point (graded)

What is Project Gutenberg?

An online repository of publically available books in many languages

correct

An online repository of electronically-scanned microfiche copies of the original works of Martin Luther

An online translation service that can be used for any text file, including entire books

CC: 3.2.2: Counting Words

Counting Words: Question 1

1/1 point (graded)

The function `count_words` is as defined in [Video 3.2.2](#).

Consider the following code:

```
len(count_words("This comprehension check is to check  
for comprehension."))
```

What does this return?

5

6

Correct

7

8

Counting Words: Question 2

1/1 point (graded)

The functions `count_words` and `count_words_fast` are as defined in [Video 3.2.2](#). Consider the following code:

```
count_words(text) is count_words_fast(text)
```

What does this return?

True

False

Correct

CC: 3.2.4: Computing Word Frequency Statistics

Computing Word Frequency Statistics: Question 1

0.5/1 point (graded)

As defined in Video 3.2.4, which of the following does the function `word_stats` return?

The total number of words

The number of unique words

Correct

A list of word counts

A dictionary of word counts

Correct

Computing Word Frequency Statistics: Question 2

0/1 point (graded)

Which of the two versions of Romeo and Juliet from Project Gutenberg contains more unique words, the original or the German translation?

The original

The German translation

correct

The two contain the same number of unique words

CC: 3.2.5: Reading Multiple Files

Reading Multiple Files: Question 1

1/1 point (graded)

What type of object does `os.listdir` return?

string

int

list

correct

tuple

Reading Multiple Files: Question 2

1/1 point (graded)

What **pandas** method allows you to insert a row to a dataframe?

insert

ind

row

loc

correct

Reading Multiple Files: Question 3

1/1 point (graded)

How can you increase a numerical **title_num** value by 1?

title_num ++

title_num += 1

correct

```
title_num += 1
```

```
title_num + 1
```

Reading Multiple Files: Question 4

1/1 point (graded)

How can you retrieve the first and last few rows of a `pandas` dataframe called `stats`?

```
stats.first() and stats.last()
```

```
stats.head() and stats.tail()
```

correct

```
stats.begin() and stats.end()
```

CC: 3.2.6: Plotting Book Statistics

Plotting Book Statistics: Question 1

1/1 point (graded)

`stats` is a Pandas dataframe as defined in [Video 3.2.6](#).

Which of the following options are valid ways to access the column `"length"` in this dataframe? (Select **all** that apply.)

```
stats->length
```

```
stats.length
```

Correct

```
stats[length]
```

```
stats["length"]
```

Correct

```
stats[, "length"]
```

Plotting Book Statistics: Question 2

1/1 point (graded)

`stats` is a Pandas dataframe as defined in [Video 3.2.6](#).

How can you select only the rows where the language is French?

```
stats.language == "French"
```

```
stats[language == "French"]
```

```
stats.French
```

```
stats[stats.language == "French"]
```

correct