# course_2_assessment_1

## Due: 2018-11-25 01:28:00

Description: Assessment for the Files and CSV lesson — Score: 0 of 8 = 0.0%

## Questions

**Not yet graded**

The textfile, `travel_plans.txt`, contains the summer travel plans for someone with some commentary.
Find the total number of characters in the file and save to the variable `num`.

Save & Run | 5/14/2021, 7:14:42 AM - 2 of 2 | Show in CodeLens

```
fileref = open("travel_plans.txt","r")
num = 0
for i in fileref:
    num += len(i)
fileref.close()

```

ActiveCode (ac9_10_1)

| Result | Actual Value | Expected Value | Notes |
|---|---|---|---|
| Pass | 316 | 316 | Testing that num value is assigned to correct value. |

You passed: 100.0% of the tests

**Not yet graded**

We have provided a file called `emotion_words.txt` that contains lines of words that describe emotions.
Find the total number of words in the file and assign this value to the variable `num_words`.

Save & Run | 5/14/2021, 7:15:02 AM - 2 of 2 | Show in CodeLens

```
num_words = 0
fileref = "emotion_words.txt"

with open(fileref, 'r') as file:
    for line in file:
        num_words += len(line.split())

print("number of words : ", num_words)

```

```
number of words :  48
```

ActiveCode (ac9_10_2)

| Result | Actual Value | Expected Value | Notes |
|---|---|---|---|
| Pass | 48 | 48 | Testing that num_words was assigned to the correct value. |

You passed: 100.0% of the tests

**Not yet graded**

Assign to the variable `num_lines` the number of lines in the file `school_prompt.txt`.

Save & Run | 5/14/2021, 7:15:24 AM - 2 of 2 | Show in CodeLens

```
num_lines = sum(1 for line in open('school_prompt.txt'))

```

ActiveCode (ac9_10_3)

| Result | Actual Value | Expected Value | Notes |
|---|---|---|---|
| Pass | 10 | 10 | Testing that num_lines has the correct value. |

You passed: 100.0% of the tests

**Not yet graded**

Assign the first 30 characters of `school_prompt.txt` as a string to the variable `beginning_chars`.

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```
f = open('school_prompt.txt', 'r')
beginning_chars = f.read(30)
print(beginning_chars)

```

```
Writing essays for school can
```

ActiveCode (ac9_10_4)

| Result | Actual Value | Expected Value | Notes |
|---|---|---|---|
| Pass | 30 | 30 | Testing that beginning_chars has the correct length. |
| Pass | 'Writi... can ' | 'Writi... can ' | Testing that beginning_chars has the correct string. |

Expand Differences

You passed: 100.0% of the tests

**Not yet graded**

**Challenge:** Using the file `school_prompt.txt`, assign the third word of every line to a list called `three`.

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```
three = []

with open('school_prompt.txt', 'r') as f:
    three = [line.split()[2] for line in f]
    print(three)

```

```
['for', 'find', 'to', 'many', 'they', 'solid', 'for', 'have', 'some', 'ups,']
```

ActiveCode (ac9_10_5)

| Result | Actual Value | Expected Value | Notes |
|---|---|---|---|
| Pass | ['for...ps,'] | ['for...ps,'] | Testing that three has the correct value. |

Expand Differences

You passed: 100.0% of the tests

**Not yet graded**

**Challenge:** Create a list called `emotions` that contains the first word of every line in `emotion_words.txt`.

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```
fileref = open ("emotion_words.txt","r")
line = fileref.readlines()
emotions = []
```

```
for words in line:
    word = words.split()
    emotions.append(word[0])
print (emotions)

```

```
['Sad', 'Angry', 'Happy', 'Confused', 'Excited', 'Scared', 'Nervous']
```

ActiveCode (ac9_10_6)

| Result | Actual Value | Expected Value | Notes |
|---|---|---|---|
| Pass | ['Sad...ous'] | ['Sad...ous'] | Testing that emotions was created correctly. |

Expand Differences

You passed: 100.0% of the tests

**Not yet graded**

Assign the first 33 characters from the textfile, `travel_plans.txt` to the variable `first_chars` .

Save & Run 5/14/2021, 7:16:58 AM - 2 of 2 Show in CodeLens

```
f = open('travel_plans.txt', 'r')
first_chars = f.read(33)
print(first_chars)

```

```
This summer I will be travelling.
```

ActiveCode (ac9_10_7)

| Result | Actual Value | Expected Value | Notes |
|---|---|---|---|
| Pass | 'This ...ling.' | 'This ...ling.' | Testing that first_chars is assigned to correct value. |

Expand Differences

You passed: 100.0% of the tests

**Not yet graded**

**Challenge:** Using the file `school_prompt.txt` , if the character 'p' is in a word, then add the word to a list called `p_words` .

Save & Run 5/14/2021, 7:17:17 AM - 2 of 2 Show in CodeLens

```
fileref = open('school_prompt.txt', 'r')
words = fileref.read().split()
p_words = [word for word in words if 'p' in word]

```

ActiveCode (ac9_10_8)

| Result | Actual Value | Expected Value | Notes |
|---|---|---|---|
| Pass | ['top...ts.'] | ['top...ts.'] | Testing that p_words has the correct list. |

Expand Differences

You passed: 100.0% of the tests

Score Me

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