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.

myfile=open("travel\_plans.txt" ,'r')

contents = myfile.read()

num= len(contents)

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.

myfile=open("emotion\_words.txt" ,'r')

lines = myfile.readlines()

count = 0

for word in lines:

count +=len(word.split() )

num\_words= count

print(num\_words)

Assign to the variable num\_lines the number of lines in the file school\_prompt.txt

myfile=open("school\_prompt.txt" ,'r')

lines = myfile.readlines()

num\_lines = len(lines)

Assign the first 30 characters of school\_prompt.txt as a string to the variable beginning\_chars.

myfile=open("school\_prompt.txt" ,'r')

contents = myfile.read()

beginning\_chars = contents[:30]

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

myfile=open("school\_prompt.txt" ,'r')

lines = myfile.readlines()

three=list()

for line in lines:

three.append(line.split()[2])

print(three)

**Challenge:** Create a list called emotions that contains the first word of every line in emotion\_words.txt.

myfile=open("emotion\_words.txt" ,'r')

lines = myfile.readlines()

emotions=list()

for line in lines:

emotions.append(line.split()[0])

print(emotions)

Assign the first 33 characters from the textfile, travel\_plans.txt to the variable first\_chars.

myfile=open("travel\_plans.txt" ,'r')

contents = myfile.read()

first\_chars=contents[:33]

**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.

myfile=open("school\_prompt.txt" ,'r')

lines = myfile.readlines()

p\_words = list()

for line in lines:

for word in line.split():

if 'p' in word:

p\_words.append(word)

print(p\_words)