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CSC\_157\_Lab\_011

**SOURCE CODE:**

*# RICHARD HAYES CROWLEY*

*# CSC\_157\_LAB\_11*

*import* pickle

*import* re

booyah\_txt = open("booyah.txt", "r").read()

tel\_txt = open("telephone.txt", "r").read()

words\_file = "words.pickle"

tel\_file = "tel.pickle"

*# open the files for writing*

wordsObject = open(words\_file, "wb")

telObject = open(tel\_file, "wb")

*# pickle dump*

pickle.dump(booyah\_txt, wordsObject)

pickle.dump(tel\_txt, telObject)

*# here we close the fileObjects*

wordsObject.close()

telObject.close()

*# we open the files for reading*

wordsObject = open(words\_file, "rb")

telObject = open(tel\_file, "rb")

*# load the objects from the file into test strings*

words\_string = pickle.load(wordsObject)

tel\_string = pickle.load(telObject)

search\_word = "Booyah"

wordsCt = len(re.findall(r"[\w']+", words\_string))

print("Total Word Count = ", wordsCt)

*# Ignore case regex*

wordsBC = len(re.findall(search\_word, words\_string, *flags*=re.IGNORECASE))

print("Total Booyah Count = ", wordsBC)

wordsDiff = (len(re.findall(r"[\w']+", words\_string)) - wordsBC)

print("Total w / o Booyah = ", wordsDiff)

wordsObject.close()

*# remove anything other than digits from tel\_string*

number = re.sub(r"\D", "", tel\_string)

print("Telephone Number : ", number)

telObject.close()

**OUTPUT:**

Text

Description automatically generated with medium confidence