Lecture 9 Exercises

CS 51P –Fall 2022

a\_list = [3.5, 6, [1, 2], "abc"]

a\_list[3] = list(range(0,5,2))

a\_list[:2] = ["a", "b"]

a\_list.extend([5,3,1])

print(len(a\_list))

for elem in a\_list:

  print(str(elem) + ":" + str(type(elem)))

del(a\_list[3:5])

a\_list.remove("a")

print(a\_list)

Define a function digits that takes one parameter num (an positive int) and returns a list of the digits of num

Define a function count\_words that takes a filename as input and returns the total number of unique words in that file