START OF QUIZ
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Question 1

How would you reverse a string and keep the result? (1)

Question 2

Topic: Lecture 3
Source: Lecture 3

Why do we not care about the extra space required to create a reverse index? (2 reasons) (1)

Question 3

Topic: Lecture 2
Source: Lecture 2

How does Zipf's law relate to Hapax Legomena? (1)

Question 4

Topic: Lecture 2
Source: Lecture 2

What are 2 benefits of providing a corpus reader with your corpus? (1)

Question 5

What is the Big O time complexity of finding the elements in a set that intersect with an iterable (ie, string, list, etc)? Briefly explain. (1)

Question 6

Topic: Lecture 4
Source: Lecture 4

Attributive adverbs are a type of adverb that provides "flavour" to speech verbs (example: "she said quickly"; "he spoke loudly"). They are often frowned upon in formal writing, because they can be replaced with other verbs: "blurted" or "shouted", in the example. Write a quick function that finds them in the Brown corpus, and reports how many sentences in 1000 have them. (2)

Question 7

In class, we talked about how .isdigit() is insufficient for determining whether we can convert a string to a float. Write a short function "isfloat" that determines whether a provided string is a valid floating point number. (2)

Question 8

In French, negation is often indicated by "ne ... pas" (ie, "je ne parle pas" - "I am not speaking"; "tu ne conduis pas" - "You are not driving", etc.). However, in speech, one of the two is often dropped: "je ne parle." or "tu conduis pas.". Using this information, how would you determine whether a corpus was composed of written or spoken French? You don't need to write the code, but explain the logic that you would use to come to this conclusion. (2)

Question 9

Topic: Coding
Source: Coding

Write a function that determines whether the last consonant of the root of a verb has been doubled. For example: win -> winning. The function can take any string. What kind of error testing should you perform? (Hint - consonant doubling only occurs in certain environments). (3)

END OF QUIZ