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Date Created: August 26th, 2024

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Program Description: This assignment simulates a Magic 8 Ball, which is a fortune telling toy that displays a random response to a yes or no question.

The first part of the program should create a file called 8ball\_responses.txt with the following phrases written to the file:

Yes, of course!

Without a doubt, yes.

You can count on it.

For sure!

Ask me later!

I'm not sure.

I can't tell you right now.

I'll tell you after my nap.

No way!

I don't think so.

Without a doubt, no.

The answer is clearly NO!

The second part of the program should read the responses from the file into a list. It should then prompt the user to ask a yes/no type question, then randomly display one of the responses. The program should repeat until the user is ready to quit.

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Variables: Phrases = the 12 desired phrases above that will be put into a txt file.

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Functions:

1. Def txt: creates a txt file list of the desired phrases, opens it and allows it to be written with in the next function.
2. Def Main: Main function that pulls from the txt file and gives user, using the random.choice feature, one of the 12 answers to their question that this same function asks them (“ask me a yes or no question and get your answer”). It will also ask if they’d like to ask another question, incorporating a while loop that will loop until user does not consent for another question.

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Logical Steps:

1. Print “Ask me a yes or no question and get your answer.”
2. If user asks a question, the code will randomly select one of the phrases and give it as an answer to the question.
3. Then, program will ask user if they’d like to ask another question by typing “Y” or “N.”
4. If user says yes, program will run again and if not, program exits.