

AP Computer Science Principles
Introduction to Python
Project 3: Create a Magic 8 Ball Game

For this project, you will use Python to create a Magic 8 Ball Game. The computer will ask the user to input a question and then randomly pick and output an answer.

1. The Basic version of the game should include the following:
 - The computer asks the user to input a question
 - The computer randomly selects from a list of 6 possible answers (2 positive, 2 negative, and 2 neutral), each with an equal probability of being selected
 - The computer outputs the selected answer
2. For the Intermediate version of the game add the following to the Basic version:
 - After outputting the answer, the computer asks the user if they would like to ask another question
 - The computer continues the game as long as the user wants to ask another question
3. For the Advanced version of the game add the following to the Intermediate version:
 - The computer selects from an expanded list of possible answers, with a 40% chance of a positive answer, a 40% chance of a negative answer, and a 20% chance of a neutral answer

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4 - Exceeds	3 - Meets	2 - Approaching	1 – Not Yet
The game works properly and has all of the features listed for the Advanced version.	The game works properly and has all of the features listed for the Intermediate version.	The game works properly and has all of the features listed for the Basic version.	The program is mostly complete but the game does not function completely.