
JAVA Fundamentals

Conditionals: Challenge

Magic8Ball

A Magic 8-Ball is a simple toy that is used to produce random answers to Yes or No questions. You are going to use a random number generator as well as some simple if-statements to create a JAVA based version of the Magic 8-Ball.

Procedure

Create your class

1. You will need to include the following before you class header:
 - a. `import java.util.Random;` (if you are using the Random Class)
 - b. `import java.util.Scanner;`
2. Name your class Magic8Ball.
3. Start by creating your Scanner object, and you Random object if you are going to use it instead of the Math.random() method.

Variables and display

4. Declare an int called rand and assign it a random value, 1-3.
 5. Prompt the user to ask a question, then use the scan.nextLine() method to assign it to a String called question.
 6. Simply create 3 if statements based on the value of rand to display 1 each of the following:
 - a. "That is a clear YES!!"
 - b. "Definitely a hard NO!"
 - c. "Hmm...can't quite say right now..."
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