Lab 3.01 - Magic 8-Ball

Practice importing `random`

Use `randint` with different arguments. Simulate a dice roll, printing out to the user what number they rolled.

Look at the **DOCUMENTATION** of the RANDOM library. Experiment with another function in the `random` library (not `randint`) that returns a value.
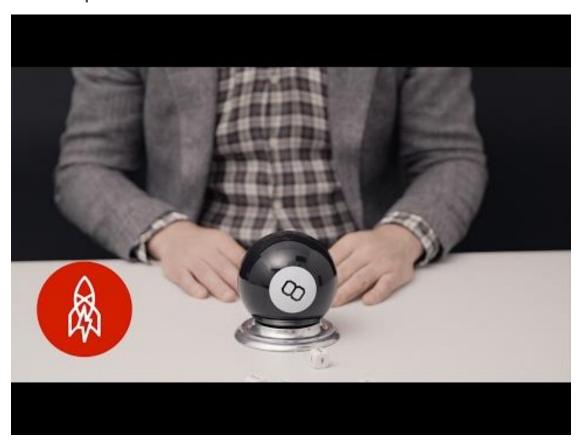
Create a program that simulates a MAGIC 8-BALL

1. Store all of the 8-Ball's possible responses (shown below) in a list
2. Have the program prompt the user to ask the Magic 8-Ball a question
3. Then return and print a random response.

Magic 8-Ball Response Examples

- Outlook is good
- Ask again later
- Yes
- No
- Most likely no
- Most likely yes
- Maybe
- Outlook is not good

Video Explanation

Bonus

Research the `math` library in Python.

Create a program that finds the length of the hypotenuse of a right triangle, given the two perpendicular sides.

Can this program be completed without using `import math`?