

# 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 (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 [![Magic 8 Ball](https://img.youtube.com/vi/gMSPH1Cnww0/0.jpg)](https://www.youtube.com/watch?v=gMSPH1Cnww0) ## Bonus Research the math library and create a program that finds the length of the hypotenuse of a right triangle given two sides. [documentation]: <https://docs.python.org/3/library/random.html> [magic 8-ball]: [https://en.wikipedia.org/wiki/Magic\\_8-Ball](https://en.wikipedia.org/wiki/Magic_8-Ball)