



## Magic 8 Ball

This assignment asks you to write a program that replicates the classic Magic 8 Ball toy from the 1960's. Your program (like the original 8 Ball) will not really pay any attention to the user's question—it will simply take the question and discard it. Then it always gives one of several "canned" answers. The original Magic 8 Ball had the answers printed on the sides of two eight sided dice.

These original answers are:

- outlook not so good
- don't count on it
- my sources say no
- without a doubt
- reply hazy, try again
- it is certain
- my reply is no
- as I see it yes
- most likely
- you may rely on it
- cannot predict now
- outlook good
- better not tell you now
- very doubtful
- yes definitely
- concentrate and ask again



For this assignment you will need to use random numbers. Here is the code:

- Use this line to get a number between 1 and 16:  

```
int num = (int) (Math.random () * 16) + 1;
```
- Then you will be able to type things like:  

```
if (num == 1)  
    System.out.println ("outlook not so good");
```

### Sample Input and Output

```
***Ask the Magic 8 Ball ***
```

```
Enter a yes or no question: Will I pass this course?
```

```
The Magic 8 Ball says:  
Cannot predict now.
```