

Battleship!

Play It, Sam

You can successfully make one guess in Battleship! But we'd like our game to allow the player to make up to 4 guesses before they lose.

```
for turn in range(4):  
    # Make a guess  
    # Test that guess
```

We can use a `for` loop to iterate through a range. Each iteration will be a turn.

Instructions

01. Add a `for` loop that repeats the guessing and checking part of your game for 4 turns, like the example above.
02. At the beginning of each iteration, `print "Turn", turn + 1` to let the player know what turn they are on.
03. Indent everything that should be repeated.

script.py

```
16     return randint(0, len(board) - 1)  
17  
18 def random_col(board):  
19     return randint(0, len(board[0]) - 1)  
20  
21 ship_row = random_row(board)  
22 ship_col = random_col(board)  
23 print ship_row  
24 print ship_col  
25  
26 # Everything from here on should go in your for loop!  
27 # Be sure to indent four spaces!  
28 guess_row = int(raw_input("Guess Row:"))  
29 guess_col = int(raw_input("Guess Col:"))  
30  
31 if guess_row == ship_row and guess_col == ship_col:  
32     print "Congratulations! You sunk my battleship!"  
33 else:  
34     if (guess_row < 0 or guess_row > 4) or (guess_col < 0 or guess_col  
35 > 4):  
36         print "Oops, that's not even in the ocean."  
37     elif(board[guess_row][guess_col] == "X"):  
38         print "You guessed that one already."  
39     else:  
40         print "You missed my battleship!"  
41         board[guess_row][guess_col] = "X"  
42         for turn in range(4):  
43             turn = turn + 1  
44             print turn  
45         # Print (turn + 1) here!  
46     print_board(board)
```

```
1  
2  
3  
4  
0 0 0 0 0  
0 0 0 0 0  
0 0 0 0 0  
0 0 0 X 0  
0 0 0 0 0  
None
```

Way to go! [Start Next Lesson](#)