

CSCI 215: Website Programming

Homework #3 (100 points)

COLLABORATION: INDIVIDUAL ASSIGNMENT

YOU ASSIGNMENT

Using jsFiddle complete the code to play a number guessing game. In general, the step-by-step procedure to create the game is outlined below.

1. Generate a random number to be guessed between 0 and 10 (inclusive)
2. Ask the user to enter a number between 0 and 10
3. If the entered number is not equal to number to be guessed, then
 - a. Display “incorrect guess” and ask the user if they want to continue the game
 - b. If the user doesn’t want to continue the game - exit the game
 - c. If the user wants to continue – go back to step 2
4. If the entered number is equal to the number to be guessed, then
 - a. Display “you won!”
 - b. Exit the game

TASK 1: VARIABLE CREATION

Create global variable named `enteredNumber` and assign the value -1.

TASK 2: LOOPING STATEMENT

Create **while** loop with condition: `enteredNumber not equal to num2guess`.

Inside while loop perform steps 2 through 4.

In Step 3 create an **if** statement with condition: `enteredNumber not equal to num2guess`

In Step 3a please use `incorrectGuess()` function to display incorrect guess.

In Step 3b create an if statement with the following condition: `!continueGame()`

In Step 3b, if the condition evaluates to false execute **break** statement.

In Step 4 add an **else** statement block (to the if created in step 3)

In Step 4b please use the `youWin()` function to display you win to the user.

FILES

- behavior.txt (JavaScript):

You will only modify the behavior file. When finished submit your completed JavaScript program to Dropbox. i.e., when your program works, copy and paste the completed JavaScript code into the original behavior.txt and then submit to Dropbox.

Late assignments will not be accepted – no exceptions (please do not email me your assignment after the due date, I will not accept it).

Please feel free to setup an appointment to discuss the homework problem. I'll be more than happy to listen to your approach and make suggestions. Please use all the resources at your disposal to help code the assigned problem. However, I will not tell you how to code the assignment. Furthermore, code debugging is your job; please do not come to my office asking me to fix your code.

Lastly, your textbook and other various online resources have a wealth of information that will help you with this assignment. Understand them, use them, and I guarantee you will be successful!