Random Number Guessing Game

Instructions:

Create a random number guessing game using the provided files and **follow the steps**. You will create the following functions:

- randomNumber
  - Returns a random number between 1 and 100
- evaluateGuess
  - Returns a boolean value based on a comparison between a guess and the actual value of the random number
- resetBoard
  - Resets the board back to its starting state, but maintains the score
- hint
  - Provides hints helping the user find the range they need to guess in
- processGuess
  - Ties in all the above functions. This is executed when the guess button is clicked. The click event is provided for you, all you need to do is create the function

Notes:

YES, you may create your own number guessing game from scratch. IT must meet the requirements outlined in the rubric though the functions don't have to be the same symbol names. The functionality must exist though.

YES, you may work in groups of 2. ONLY ONE SUBMISSION PER GROUP WITH A FILE STATING WHO YOUR GROUP MEMBER WAS! Failure to do this will result in only the submitting member receiving the grade and the other member receiving a zero.

NOTE: *Because this is a very common assignment your code will be run against Google search to verify it is your own code. Please do not cheat. I zero out assignments that contain cheating immediately.*

Category	Item	Description	Percent
Defined Functions			
	randomNumber()	Returns a random number from 1 to 100	10
	evaluateGuess()	Compares the input value and randomly generated number and returns true if the numbers are correct or false if they are incorrect	5
	resetBoard()	Returns the game board back to the initial state	10
	hint() (basic)	Sets the message text to a hint if the value if greater or lesser.	10
	hint() (take it further)	Sets the message text to show within how many numbers the guess was compared to the secret number	10
	processGuess()	Evaluates the board and sets the message to a win condition while also resetting the board, or sets the message to a hint. Increments score if guess is correct and decrements if incorrect. Decrements the number of guesses left if the guess is incorrect.	15
Game Design and Function			
	If correct guess, resets guess count and generates new random number and increments score by left over guesses		15
	If wrong guess, provides hint and decrements score and guess count		15
	Effort has been put into styling the game using CSS, images, and/or fonts.		10
			100