Lesson 5: Pseudocode

Get user's input number from form
Trigger submitGuess() with onclick event

set guessCount to 0
set min to 1
set max to 999
set gameOver to false

Pass userInput to submitGuess()
set guess to Math.floor((min + max)/2)
if userInput % 1 is not equal to 0 or userInput < 1 or userInput > 999
      alert user that user's input is invalid and don't make any guess attempts
else
      convert userInput to integer

      while gameOver == false
            add 1 to guessCount
            if guess < userInput
                  set min to guess + 1
                  display guessCount, guess, and guess is less than user's number
            else if guess > userInput
                  set max to guess - 1
                  display guessCount, guess, and guess is greater than user's number
            else
                  display guessCount, guess, and guess is equal to user's number
                  alert user that you won
                  set gameOver to true
                  exit function
            if guessCount == 10
                  alert user that you lost and they won
                  set gameOver to true
            exit while loop