

COEN 10 – Lab 3

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Lab 3 – Guess the Number

- ❖ You will create a guess-the-number game
 - ◆ The game generates 5 numbers randomly, and the user tries to guess it
- ❖ Use html/php
 - ◆ 2 pages

Lab 3 – Guess the Number

❖ 1st page

- ◆ Use a form to input a number between 1 and 20 from the user and send to page 2

Lab 3 – Guess the Number

❖ 2nd page

- ◆ Receive the number from page 1
- ◆ Generate 5 numbers randomly into an array
- ◆ Traverse the array searching for the number received
 - If the number is in the array, echo “You got it!”.
 - If the number is not in the array, echo “Wrong!...”
 - Show the numbers generated randomly.
- ◆ Have a button to enable the user to try again.

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❖ Requirements

◆ You have to use an array

◆ You need two loops

- One to generate the random numbers
- Another to search for the guessed number in the array

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❖ Before the lab

◆ Write the pseudo code

- Of the second file, showing the algorithm

◆ Deliver the pseudo code to the TA at the beginning of the lab

- Don't forget to add the following to the page
 - Name
 - Lab Section
 - Lab #

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❖ When you are done

◆ Demo

- Play the game on the browser to the TA

◆ Submit

- Print and submit the source code of the pages to the TA
- Don't forget to add the following to the code
 - Name
 - Lab Section
 - Lab #