

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

## ❖ 1<sup>st</sup> 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

## ❖ 2<sup>nd</sup> 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.

# Lab 3 – Guess the Number

## ❖ 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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## ❖ 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 at the top
  - Name
  - Lab Section
  - Class Teacher
  - Lab #