

**IN-CLASS EXERCISES**

420-DW3-AS Web Server Application Development I

**CLASS 4**

Indications

1. Submit the code of your program (.php files).
2. Submit this form with corresponding screenshots (more than one when applicable) below each exercise that prove you created the appropriate program and it works.

**Exercise 1 –**

A client asks you to create a php script that includes a form that allows users to enter a number or digit in order to indicate whether it is a null, positive and negative number. Use conditional control structures to create this script.

**Exercise 2 –**

Your supervisor asks you to create a php script that displays the gap between 2 numbers in the form of the magnitude of a real number independent of its sign. To achieve this task, follow the steps below:

* Create a form that allows users to enter 2 numbers or digits.
* Display an error message when the numbers or digits are the same and invite her/him to access the form again.
* Calculate and display the difference between the 1st and the 2nd number when they are different in the following format: greater number – lower number, and invite her/him to access the form again.

Use conditional control structures to create this script.

Scenario 1

Input Output

nb1= 6 You entered 6 and 4. The gap between 6 and 4 is 2. Try again.

nb2 = 4

Scenario 2

Input Output

nb1= 4 You entered 4 and 6. The gap between 4 and 6 is 2. Try again.

nb2 = 6

Scenario 3

Input Output

nb1= 6 You enter the same number 6. There is no gap. Try again.

nb2 = 6

**Exercise 3 –**

A client asks you to create a php script that includes a form that allows users to enter a weekday in order to display its rank in the week starting from Monday. Use conditional control structures to create this script, specifically a switch.

Scenario 1

Input : Tuesday

Output : You entered Tuesday. It’s the second day of the week. Try again.

Scenario 1

Input : Tueday

Output : You entered Tueday. It’s not a weekday. Try again.