

**Course Code: WEDE6021**

**Course Name:** Web Development (Intermediate)

## ICE Task 1

### Purpose:

This task is a continuation of the **Message Board Demo**. See the lecture recording videos named **WEDE6021 W7L2 G3 LU3 Theme 2 Manipulating Arrays - 13th September 2024** and **WEDE6021 W8L1 G3 LU3 Theme 2 - Message Board Demo (Applicable in Shopping Cart System) - 19th September 2024** for those who were not in class during these demonstrations. You are expected to:

- ✚ Code and demonstrate the use of the **array\_pop()** function to **remove the last message in the Message Board**.

### Background Information:

Note that as you use **arrays** in your **scripts**, you will undoubtedly need to add and remove elements. For example, suppose you have an **online shopping cart program** that uses an array to store the names of products that a customer plans to purchase. As the customer selects additional products to purchase or decides not to purchase an item, you will need to manipulate the elements in the array of products.

Hence, the Message Board scripts you are demonstrating allow users to post and read messages to and from a text file. (Message boards are online discussion groups in which users with similar interests exchange messages.) The Message Board script you use is fairly simple, unlike some of the real message boards you have probably seen and used yourself. However, the Message Board script lets you practice the advanced array techniques useful in an **online shopping cart program**.

This simple implementation of a message board has only two pages. **PostMessage.php** is an All-in-One Web form for posting messages to the message board. **MessageBoard.php** is the page for viewing, organizing, and deleting messages.

### ICE Task 1 Activity Instructions:

- ✚ Duplicate the **MessageBoard2.php** script and name the duplicate script **MessageBoard3.php**.
- ✚ Update the **MessageBoard3.php** script to add the code to **remove the last message** on the **Message Board** view message display. Refer to **Pages 413 – 430** of the Prescribed Textbook which you can find under **More Resources** on LEARN for **Code**

**Assistance.** You need to refer to the appropriate pages to see and copy the right codes to accomplish this functionality.

- ✚ Create a short video demonstration with a voice-over showing what code was added to the **MessageBoard3.php** while also demonstrating the functionality of the code in removing the last message from the Message Board.

**Submission Requirement:** Submit the Script as well as a short video demonstration using the ICE Task 1 submission link on LEARN.

Label the video file as **WEDE6021\_ICETask1\_Name&Surname**.

**Time on task:** 60 Minutes

**Submission Deadline:** Monday 7<sup>th</sup> October 2024

**Submission Time:** Latest 23:59