

TWA Practical Set 2
Week 8 Practical Exercises

Objectives

- Complete exercises 1, 2, 3 below as a part of practical set 2 submission and save the solutions to your computer in the **C:/TWA/Practicals/PracSet2/week8** folder.
- Test your solutions on your web server: XAMPP. There is a download link in week 7 lecture folder and we are using XAMPP 8.1.6 for all the php tasks in the practical set 2, major project and practical test.

Hint

- use the www.php.net for reference
-

Exercise 1

Download the zip file from week8-PracticalFiles under the PracSet 2 (20%) on vuws and unzip it to your computer in the C:/TWA/Practicals/PracSet2/week8Tasks folder. A partial php script given below is the ACTION for the form in task1.htm. Create and save the following code as **exercise1.php**, complete the highlighted comments so all the data submitted from exercise-1.html can be processed and displayed in the output of exercise1.php.

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <title>Prac Set 2 Week 8 Exercise 1 PHP Form Processing</title>
  </head>
  <body>
    <?php
      //obtain the student name input from the $_GET
      array $name = $_GET["sName"];

      ...
      //obtain the values for the other input devices here

    ?>
    <p>The following information was received from the
    student:</p> <p><strong>Student Name= </strong>
    <?php echo "$name";?></p>
    <!--output the other form inputs here -->
  </body>
</html>
```

NB. The exercise-1.html file contains four input devices and you should notice that not all of the input devices from the form are shown in the output of the php page. Fix this by making appropriate modifications to the php file **so that all input devices are shown as part of the output**. Save the resulting file as **exercise1.php**.

What you should notice from doing this is that it does not matter what type of input device is used on the form (text box, radio button , selection list) the **method** of obtaining the values is the same.

Exercise 2

In the week8Tasks folder, you will find **exercise-2.html**. The differences of the forms between exercise-1.html and exercise-2.html are:

- the form method is 'post',
- the action of the form has been changed to exercise2.php,
- the selection list size has been changed to "5",
- and multiple selections are now enabled.

Modify exercise1.php from exercise 1 and save it as exercise2.php so that it now processes the form from exercise-2.htm. Ensure that your exercise2.php can display **all** of the selections made from the selection list - it won't without appropriate modifications to **both** the html form and the php.

Hint: Because the method has been changed from get to post, your exercise2. php script will need to look in a different array/collection for the form values. Review week 7 lecture slides and examples for how to process input devices that can have multiple values. Regarding multiple selections, you should consider using array for input device process.

Exercise 3

In the week8Tasks folder, you will find **exercise3.php**. The form in exercise3.php

- submits to itself (ie, the action is exercise3.php),
- form post-back: the php processing for retrieving and displaying the form values is in the same file as the form instead of a separate php file.

- A. Modify the code given in exercise3.php so that it correctly displays **all** form values submitted by the user. The first form field has been done for you in the code (sName).
- B. Further modify the code in exercise3.php so that the notices are not displayed at the top of the output and the section underneath the form will only display if the form has been submitted.

Hint: Review week 7 lecture notes and examples where we covered the idea of post-back (last few slides).