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| Course Name | ITD 3243 – Server Side Programming |
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| Due date | March 1, 2018 |
| Grade | 100 |
| Grading Comments | <instructor comments here> |

Well here it is, the concept that trips up a lot of students no matter the language.  The concept of arrays has always been for some the hardest of the concepts to grasp and manipulate.  For this discussion, pull on the experiences you have had in other languages, no matter how obscure, to discuss arrays.  Read the chapter, do the exercises, explore how arrays work and don't work in PHP.  Explore the way arrays will function in the Web environment.  Discuss similarities that will let you bring your current toolbox to bear on arrays and discuss what new tools that you will have to add to that toolbox to handle the arrays in PHP.

I have found in the INPUT\_POST that PHP does not accept a integer with a comma. For example, a number like 10,000. The comma is not read in the global $\_POST. I found this one out with the drop-down box that we selected a value for the investment amount from 10,000 to 50,000. I changed the post method to the get method so I could view the value being selected and noticed that a character was being replaced by the comma in the $\_GET method. I realized that a comma could not be used in the $\_POST array so I removed the comma and the $\_POST method worked transferring the optional value selected form the drop-down box.

After reading the chapter, the unset function is new which is used to delete elements in an array with an index specified or the entire array when the index is not specified. The unset function has not been introduced in other programming languages that I have studied. Python uses the pop function which can be used with an index to specify which element to delete or if not used with an index then the last element of the array is removed. Python uses the del function with the array name to delete the array.

Python uses lists and dictionaries to refer to arrays. A list would be considered a simple array in PHP. A dictionary in Python would be considered an associative array in PHP.

PHP uses the pop function too which is used to removes and returns the last element of the array in a variable PHP uses push function adds the element of an array to the end of array.