### Submission Worksheet

#### **CLICK TO GRADE**

https://learn.ethereallab.app/assignment/IT202-007-F2024/it202-module-2-php-problems/grade/ob75

Course: IT202-007-F2024

Assigment: [IT202] Module 2 PHP Problems

Student: Omar B. (ob75)

#### Submissions:

Submission Selection

1 Submission [submitted] 9/23/2024 11:41:01 PM

#### Instructions

▲ COLLAPSE ▲

Overview video: https://youtu.be/Vvx\_cfdLqqM

#### Guide:

- 1. Make sure you're in the dev branch locally and git pull origin dev any pending changes.
- 2 Make a new branch per the recommended branch name below (git checkout -b ...).
- Grab the template code from

https://gist.github.com/MattToegel/48b48377eaa1937c886b7840c449750a.

- 4. Create individual PHP files for each problem and save the files inside your public\_html folder in a subfolder of your choice.
  - If you don't have this folder yet, refer to the setup lessons (you'll need a few files for the deployment to work).
- 5. Move the unedited template files to GitHub.
  - git add .
  - 2 git commit -m "adding template files"
  - 3. git push origin branch\_name (see below)
  - Create and open a pull request from the homework branch to main (leave it open until later steps).
- Note: As you work, it's recommended to add/commit at least after each solution is done (i.e., 3+ times in this case).
  - 1. Make sure the files are saved before doing this.
- 7. Fill in the items in the worksheet below (save as often as necessary).
- 8. Once finished, export the worksheet.
- Add the output file to any location of your choice in your repository folder (i.e., a Module2 folder).
- 10

- io. Check that git sees it via git status.
- 11. If everything is good, continue to submit.
  - Track the file(s) via git add.
  - 2 Commit the changes via git commit (don't forget the commit message).
  - Push the changes to GitHub via git push (don't forget to refer to the proper branch).
  - Create a pull request from the homework related branch to dev (i.e., dev <- "homework branch").
  - 5. Open and complete the merge of the pull request (it should turn purple).
  - 6. Locally checkout dev and pull the latest changes (to prepare for future work).
- 12. Take the same output file and upload it to Canvas.

#### Branch name: M2-PHP-Problems

Group

100%

Group: Problem 1

Tasks: 1 Points: 3

A COLLAPSE A

Task

100%

Group: Problem 1

Task #1: Problem 1 Evidence

Weight: ~100% Points: ~3.00

A COLLAPSE A

Details:

Only make edits where the template code mentions.

Solution should ensure that any passed in array will have only the odd values output. Requires at least 2 screenshots (code + output from heroku dev)



Columns: 1

Sub-Task 100%

Group: Problem 1

Task #1: Problem 1 Evidence

Sub Task #1: Show the output from heroku dev (url must be visible)

### Task Screenshots

Gallery Style: 2 Columns

4

2

1



Showing Problem 1 output and heroku url.

#### Caption(s) (required) 🗸

Caption Hint: Describe/highlight what's being shown

### ⇔Task URLs

**URL #1** 

https://it202-ob75-prod-62037cdcca6c.herokuap

https://it202-ob75-

prod-62037cdcca6c.herokuapp. Mozniproblem1.php



Group: Problem 1

Task #1: Problem 1 Evidence

Sub Task #2: Show the code solution (ucid/date as comment must be present)

## Task Screenshots

Gallery Style: 2 Columns

2

4

Showing code solved with UCID from line 13 - 19.

#### Caption(s) (required) ~

Caption Hint: Describe/highlight what's being shown

## Task Response Prompt

Explain in concise steps how this logically works Response:

For problem 1, I created a for loop that would loop through each element in the array \$arr, and would also loop through the size of the array by doing sizeof. It would check for each element which index is an odd number by finding which of the numbers left a remainder of 1. By doing the modular sign % by 3 in the if statement and making sure that index gives a remainder of 1, I did == to check if the condition is true then it would print out the odd numbers to the screen.

End of Group: Problem 1

Task Status: 1/1

Group

100%

Group: Problem 2

Tasks: 1 Points: 3

A COLLAPSE A

Task

100%

Group: Problem 2

Task #1: Problem 2 Evidence

Weight: ~100% Points: ~3.00

A COLLAPSE A

Details:

Only make edits where the template code mentions.

Solution should ensure that any passed in array will have the numerical values summed and rounded to two decimals (similar to currency)

Columns: 1

Sub-Task 100%

Group: Problem 2

Task #1: Problem 2 Evidence

Sub Task #1: Show the output from heroku dev (url must be visible)

## Task Screenshots

Gallery Style: 2 Columns

2



Showing problem 2 output with heroku url

Caption(s) (required) ~

Caption Hint: Describe/highlight what's being shown

⇔Task URLs

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URL #1 https://it2U2-ob/5-prod-62U3/cdcca6c.nerokuap

https://it202-ob75-

prod-62037cdcca6c.herokuapp.bttp/problem2.php



Group: Problem 2

Task #1: Problem 2 Evidence

Sub Task #2: Show the code solution (ucid/date as comment must be present)

4

### Task Screenshots

Gallery Style: 2 Columns

2



Showing code added and solved problem 2 with UCID included from lines 13 - 21

Caption(s) (required) 🗸

Caption Hint: Describe/highlight what's being shown

## Task Response Prompt

Explain in concise steps how this logically works

Response:

For problem 2, to get the sums of the array values, I first did array\_sums(\$arr) to be able to sum up the elements in the array together and print out that value to summed values: . Then to get the rounded values of those summed up values for each array, number\_format was done instead of round because round would still give the problem of having one of the values, .1, not have 2 decimal places like .10. number\_format fixes this to make sure by putting in the parameters 2 so that I only get 2 decimal places consistently. That was then set to the \$total variable and was later used to give the total value of each array with 2 decimal places.

#### End of Task 1

End of Group: Problem 2

Task Status: 1/1

#### Group



Group: Problem 3

Tasks: 1 Points: 3



Task



Group: Problem 3

Task #1: Problem 3 Evidence

Weight: ~100% Points: ~3.00

COLLAPSE A



Only make edits where the template code mentions.

Solution should ensure that any passed in array will have its values converted to a positive version of the value AND converted back to the original data type.

#### Columns: 1



Group: Problem 3

Task #1: Problem 3 Evidence

Sub Task #1: Show the output from heroku dev (url must be visible)

## Task Screenshots

Gallery Style: 2 Columns

2

1



Showing problem 3 output with heroku url

### Caption(s) (required) 🗸

Caption Hint: Describe/highlight what's being shown

### ⇔Task URLs

**URL #1** 

https://it202-ob75-prod-62037cdcca6c.herokuap

https://it202-ob75-

prod-62037cdcca6c.herokuapp. M2nproblem3.php

Sub-Task 100%

Group: Problem 3

Task #1: Problem 3 Evidence

Sub Task #2: Show the code solution (ucid/date as comment must be present)

## Task Screenshots

Gallery Style: 2 Columns

4 2

```
| Comparison to Comparison | Co
```

Showing Code added to problem 3 that solves it along with UCID from lines 17 - 34.

Caption(s) (required) ~

Caption Hint: Describe/highlight what's being shown

## Task Response Prompt

Explain in concise steps how this logically works Response:

For problem 3, there was first a for loop created to iterate through elements in the arrays. An if statement was then done for is\_int and then else if for is\_double to check the datatypes of the arrays that match those parameters of being int or double and then abs function was done to make sure that the negative values were set to positive ones and set it to output[] which was the empty array given. Then for string the same datatype was checked in the else if statement but this time I converted string to an int and set to variable \$stringToInt by doing (int)\$arr[\$i]. After I took the abs of the new int datatype after casting to making it positive and then casted it back to the original datatype string by doing (string)(abs(\$stringToInt)) and set it to intToString, which gave me the new positive values but in the string datatype and lastly set it to the empty array output[].

#### End of Task 1

End of Group: Problem 3

Task Status: 1/1

Group



Group: Reflection

Tasks: 3 Points: 1

A COLLAPSE A

#### Task



Group: Reflection

Task #1: Reflect on your experience

Weight: ~33% Points: ~0.33



Details:

Talk about any issues you had, how you resolved them, and anything you learned during this process.

Provide concrete details/examples. At least a few sentences.



# ■, Task Response Prompt

#### Response:

This homework helped provide me with the knowledge on the basics of php especially with learning about how to loop through the arrays in php and make them compute certain output that you command. The first problem allowed to learn how to loop through the array to give only odd numbers and print that out to the user. The Second problem allowed for learning to add elements together in arrays and then being able to round those elements to the nearest 2 decimal places which at first proved difficult using the common rounding method round() but learned of another way which was number\_format(). Problem 3 allowed me to learn how to check for certain datatypes in arrays and then converting them from one value to another and most importantly changing dataypes to be a different datatype to compute a certain function.

#### End of Task 1

Task



**Group: Reflection** 

Task #2: Include the pull request link for this branch

Weight: ~33% Points: ~0.33

A COLLAPSE A



The correct link will end with /pull/ and a number.



## ⇔Task URLs

**URL #1** 

https://github.com/OmarBarrera1/ob75-IT202-007

https://github.com/OmarBarrera1/ob75-IT202-007/pull/3

#### End of Task 2

Task



Group: Reflection

Task #3: Add Screenshot of Wakatime

Weight: ~33% Points: ~0.33

A COLLAPSE A



Note: The duration of time isn't directly related to the grade, the goal is to just make sure time is being tracked



# Task Screenshots

Gallery Style: 2 Columns

4 2 1

Files

Projects • ob75-IT202-007

2 hrs 43 mins over the Last 7 Days in ob75-IT202-007 under all branches. 6

Files

11 tr 6 mins guilde\_John/JH2/problem2.ghtp 11 mins guilde\_John/JH2/problem3.ghtp 11 mins guilde\_John/JH2/problem3.ghtp 27 secs guilde\_John/JH2/problem3.ghtp 27 secs guilde\_John/JH2/problem3.ghtp 0 secs lib/depth guilde\_John/JH2/guildem2.ghtp 0 secs lib/depth guilde\_John/JH2/guildem3.ghtp 0 secs lib/depth guildem3.ghtp 0 sec

Showing total time spent in wakatime

Showing time worked in branches and files in Wakatime

End of Task 3

End of Group: Reflection

Task Status: 3/3

**End of Assignment**