# Submission Worksheet

#### **CLICK TO GRADE**

https://learn.ethereallab.app/assignment/IT202-450-M2024/it202-module-2-php-problems/grade/mm2849

#### IT202-450-M2024 - [IT202] Module 2 PHP Problems

#### Submissions:

Submission Selection

1 Submission [active] 6/3/2024 1:22:35 AM

## Instructions

△ COLLAPSE △

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

#### Guide:

- 1. Make sure you're in the dev branch locally and <code>git pull origin dev</code> 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.
- 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.
  - 1. git add .
  - 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).
  - Make sure the files are saved before doing this.
- Fill in the items in the worksheet below (save as often as necessary).
- Once finished, export the worksheet.
- 9. Add the output file to any location of your choice in your repository folder (i.e., a Module2 folder).
- 10. Check that git sees it via git status.

- If everything is good, continue to submit.
  - Track the file(s) via qit add.
  - 2. Commit the changes via git commit (don't forget the commit message).
  - 3. 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 main (i.e., main <- "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

Tasks: 6 Points: 10.00

Problem 1 (3 pts.)

△COLLAPSE △

Task #1 - Points: 1

Text: Problem 1 Evidence

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) Live URL must be Herokue Prod

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





#### Caption (required) <

Describe/highlight what's being shown

Showing output of problem 1 from Heroku dev.

## URL (required) ~

URL must be Heroku prod

https://it202-mm2849-prod-3453894141df.herokuapp.com/M2/Problem1.php

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



```
tunction processarray(>arr) {{\frac{1}{2}}}
echo "<br/>
echo "<br/>
**Processing Array:<br/>
**pre>" . var_export($arr, true) . "";
echo "<br/>
**pre>";
echo "<br/>
**/pre>";

//start edits
//note: use the $arr variable to iterate over, don't directly touch $a1-$a4
//TODO add logic here to echo out only odd values
//MM2849 6-3-2024
echo "Priting the Odd Values Only = <br/>
foreach($arr as $x){
    if($x$2=1){
        echo "$x <br/>
        | echo "$x <br/>
        | //end edits
}
//end edits
//ou, 20 hours ago * adding template files
```

# Caption (required) 🗸

Describe/highlight what's being shown

Showing code solved from line 12.

## Explanation (required) ~

Explain in concise steps how this logically works



I found the odd values via using a foreach loop. I then used the %2==1 to find the odd values in the given arr.

Problem 2 (3 pts.)



Task #1 - Points: 1

**Text: Problem 2 Evidence** 



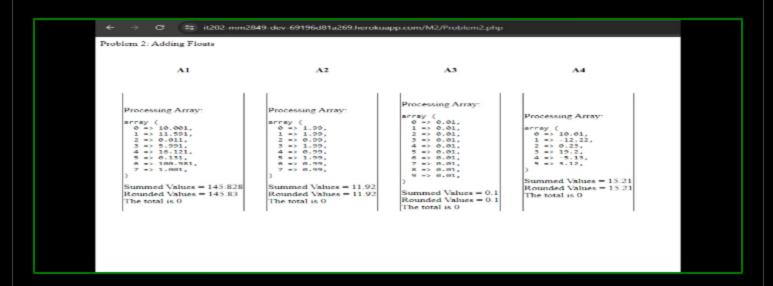
Unly make edits where the template code mentions.

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

Requires at least 2 screenshots (code + output from heroku dev) Live URL must be Herokue Prod

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





#### Caption (required) <

Describe/highlight what's being shown

Showing output of problem 2 from Heroku dev.

### URL (required) <

URL must be Heroku prod

https://it202-mm2849-prod-3453894141df.herokuapp.com/M2/Problem2.php

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



```
function getTotal($arr) {
               "<br>Processing Array:<br>" . var_export($arr, true) . "";
         $total = 0.00;
 g
 9
          //start edits
10
         //TODO do adding here
//TODO do rounding stuff here (round to two decimals i.e., 0.10, 0.01, 0.00)
11
12
         //MM2849 6-3-2024
13
         echo "Summed Values =
15
16
         print array_sum($arr);
          echo "<br>Rounded Values = ";
18
19
         print round(array_sum($arr), 2);
20
21
          //end edits
```

#### Caption (required) <

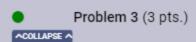
Describe/highlight what's being shown Showing code solved from line 13.

#### Explanation (required) ~

Explain in concise steps how this logically works



Summed up the values using the array\_sum method. I then used array\_sum again but this time rounding the sum to the hunderdths, or two decimal places.





Task #1 - Points: 1

**Text: Problem 3 Evidence** 

Details:

Only make edits where the template code mentions.

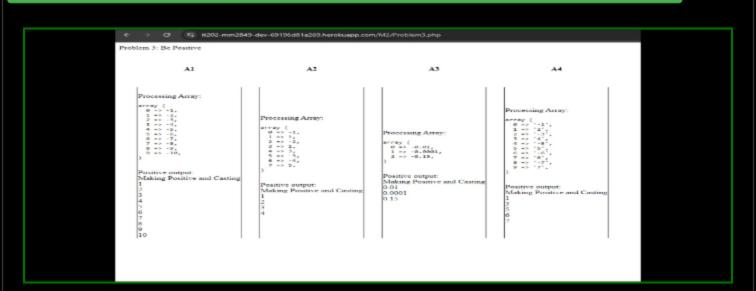
Solution should ensure that any passed in array will have its values converted to a positive version of the value AND converted back to the original data type.

Requires at least 2 screenshots (code + output from heroku dev)

Live URL must be Herokue Prod

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





## Caption (required) 🗸

Describe/highlight what's being shown

Showing output of problem 3 from Heroku dev.

### URL (required) <

URL must be Heroku prod

https://it202-mm2849-prod-3453894141df.herokuapp.com/M2/Problem3.php

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

```
0
```

```
function bePositive($arr) (
   echo "<br>Processing Array:<br>" . var_export($arr, true) . "";
           echo "<br/>br>Processing Array:<br/>echo "<br/>br>Positive output:<br/>;
            $output = [];
//start edits
10
11
12
            //note: use the $arr variable, don't directly touch $a1-$a4
//TODO Take each value of the $arr, convert it to positive, and set it to the same index in
13
14
15
16
            //MM2849 6-3-2024
            echo "Making Positive and Casting <br/>
You, 23 minutes
18
            foreach($arr as $x){
                 19
20
21
22
23
24
25
            //end edits
```

#### Caption (required) <

Describe/highlight what's being shown Showing code solved from line 14.

#### Explanation (required) <

Explain in concise steps how this logically works

```
📔 EDIT RESPONSE
```

To solve this problem I used a similar function from problem 1. For this problem I converted the x to be positive instead of negative, so that the output given will be all positive numbers.

Reflection (1 pt.)



Task #1 - Points: 1

Text: Reflect on your experience

## 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.

#### Response:

I had some trouble understanding the process to do the second portion of problem 2, which was rounding the numbers, but after studying more php at w3 schools and watching videos on learn, I figured it out. Problem 3 was similarly difficult for me, and I'm not sure whether the solution is completely correct, but I got a positive result.



Task #2 - Points: 1

Text: Include the pull request link for this branch



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

#### **URL #1**

https://github.com/mm2849/mm2849-IT202-450/pull/4



Task #3 - Points: 1

Text: Add Screenshot of Wakatime

Details:

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: Large View

Small

Medium

Large

Projects • mm2849-IT202-450

4 hrs 17 mins over the Last 7 Days in mm2849-IT202-450 under all branches.

# Showing overview time worked on M2-PHP-Problems **Files Branches** M2-PHP-Problems 1hr 48 mins public\_html/M2/Problem2.php 3 hrs 53 mins 1hr 20 mins public\_html/M2/Problem1.php 24 mins HerokuSetup 44 mins public\_html/M2/Problem3.php 13 mins lib/db.php lib/.env 2 mins 2 mins lib/config.php 2 mins public\_html/test\_db.php 1 min README.md 1 min .gitignore 22 secs public\_html/index.php **Showing Specific Times End of Assignment**