

Submission Worksheet

CLICK TO GRADE

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

Course: IT202-007-F2024

Assignment: [IT202] Module 2 PHP Problems

Student: Ricardo V. (rev)

Submissions:

Submission Selection

1 Submission [submitted] 9/22/2024 5:51:35 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 ...`).
3. 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.
 1. 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 .`
 2. `git commit -m "adding template files"`
 3. `git push origin branch_name` (see below)
 4. Create and open a pull request from the homework branch to main (leave it open until later steps).
6. 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.
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`.
11. If everything is good, continue to submit

11. If everything is good, continue to submit.

1. Track the file(s) via `git 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).
 4. 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

^ COLLAPSE ^

Task

100%

Group: Problem 1

Task #1: Problem 1 Evidence

Weight: ~100%

Points: ~3.00

^ COLLAPSE ^

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: 2

Sub-Task

100%

Group: Problem 1

Task #1: Problem 1 Evidence

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

Sub-Task

100%

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

4 2 1



Task Screenshots

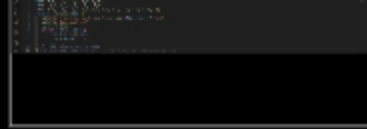
Gallery Style: 2 Columns

4 2 1





output from heroku dev



code solution

Caption(s) (required) ✓

Caption Hint: Describe/highlight what's being shown

Task URLs

URL #1

<https://it202-rev-dev-ece088085a94.herokuapp.com/>

URL

<https://it202-rev-dev-ece088085a94.herokuapp.com/>

Caption(s) (required) ✓

Caption Hint: Describe/highlight what's being shown

Task Response Prompt

Explain in concise steps how this logically works

Response:

- In the "processArray" function, I added a "foreach" loop to iterate over the input array (\$arr).
- I check whether each element is odd using "\$value % 2 != 0". If true, the odd number is echoed.

End of Task 1

End of Group: Problem 1

Task Status: 1/1

Group

100%

Group: Problem 2

Tasks: 1

Points: 3

^ COLLAPSE ^

Task

100%

Group: Problem 2

Task #1: Problem 2 Evidence

Weight: ~100%

Points: ~3.00

^ COLLAPSE ^

i 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: 2

Sub-Task

100%

Group: Problem 2

Task #1: Problem 2 Evidence

Sub-Task

100%

Group: Problem 2

Task #1: Problem 2 Evidence

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

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

Task Screenshots

Gallery Style: 2 Columns

4 2 1



output from heroku dev

Caption(s) (required) ✓

Caption Hint: Describe/highlight what's being shown

Task URLs

URL #1

<https://it202-rev-dev-ece088085a94.herokuapp.com/>

URL

<https://it202-rev-dev-ece088085a94.herokuapp.com/>

Task Screenshots

Gallery Style: 2 Columns

4 2 1



code solution

Caption(s) (required) ✓

Caption Hint: Describe/highlight what's being shown

Task Response Prompt

Explain in concise steps how this logically works

Response:

- The "foreach" loop iterates over each value in the input array and adds it to the \$total.
- After summing, "round(\$total, 2)" is used to round the total to two decimal places.
- The total is then displayed.

End of Task 1

End of Group: Problem 2

Task Status: 1/1

Group

100%

Group: Problem 3

Tasks: 1

Points: 3

^ COLLAPSE ^

Task

100%

Group: Problem 3

Task #1: Problem 3 Evidence

Weight: ~100%

Points: ~3.00

^ COLLAPSE ^

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.

Columns: 2

Sub-Task

Group: Problem 3

Task #1: Problem 3 Evidence

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

100%

Task Screenshots

Gallery Style: 2 Columns

4 2 1



output from heroku dev

Caption(s) (required) ✓

Caption Hint: Describe/highlight what's being shown

Task URLs

URL #1

<https://it202-rev-dev-ece088085a94.herokuapp.com/>

URL

<https://it202-rev-dev-ece088085a94.herokuapp.com/>

Sub-Task

Group: Problem 3

Task #1: Problem 3 Evidence

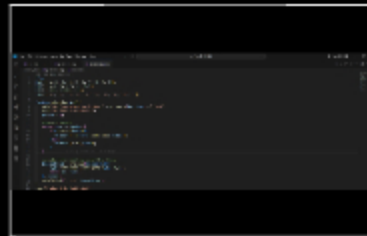
Sub Task #2: Show the code solution (ucid/date as comment must be present)

100%

Task Screenshots

Gallery Style: 2 Columns

4 2 1



code solution

Caption(s) (required) ✓

Caption Hint: Describe/highlight what's being shown

Task Response Prompt

Explain in concise steps how this logically works

Response:

- The "foreach" loop iterates through each element in the input array (\$arr).
- 1. If the value is a string, it converts it to a float using "floatval()", takes the absolute value using "abs()", and then casts it back to a string.
- 2. If the value is numeric, integer, or float, it directly uses "abs()" to convert it to a positive number.
- The mapped output displays each positive value along with its data type.

End of Task 1

End of Group: Problem 3

Task Status: 1/1

Group

Group: Reflection

Tasks: 3

100%

Points: 1

^ COLLAPSE ^

Task

100%

Group: Reflection

Task #1: Reflect on your experience

Weight: ~33%

Points: ~0.33

^ COLLAPSE ^

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:

It wasn't easy at first, but after reviewing the notes from class and W3Schools, I figured it out. Although I made a few spelling errors when testing it.

End of Task 1

Task

100%

Group: Reflection

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

Weight: ~33%

Points: ~0.33

^ COLLAPSE ^

Details:

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



Task URLs

URL #1

<https://github.com/RicardoVas9991/Rev-IT-202-007/pull/8>

URL

<https://github.com/RicardoVas9991/Rev-IT-202-0>

End of Task 2

Task



Group: Reflection

Task #3: Add Screenshot of Wakatime

Weight: ~33%

Points: ~0.33

⬆️ COLLAPSE ⬆️

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: 2 Columns

4 2 1



Screenshot of Wakatime

End of Task 3

End of Group: Reflection

Task Status: 3/3

End of Assignment