Submission Worksheet

Course: IT202-007-F2024
Assigment: [IT202] Module 2 PHP Problems
Student: Datha V. (db624)

Submissions:

Submission Selection

1 Submission [submitted] 9/21/2024 1:32:50 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.
    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)
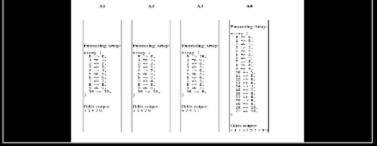
Columns: 1

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

Screenshot of output for problem 1 from heroku dev

Caption(s) (required) ✓
Caption Hint: *Describe/highlight what's being shown*

🔗 Task URLs

URL #1

https://it202-db624-prod-a236ea831ca5.herokuapp.com/problem1.php

URL
https://it202-db624-prod-a236ea831ca5.heroku

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

Screenshot of completed code for problem 1

Caption(s) (required) ✓
Caption Hint: *Describe/highlight what's being shown*

≡ Task Response Prompt

Explain in concise steps how this logically works

Response:

I used a for loop that traverses $arr and whenever the value at index $i is not divisible by 2 (is odd), I have it print that value to the screen. I also added a break tag at the end of the loop so that the output would be at a new line for the next function call.

End of Task 1

End of Group: Problem 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 ^

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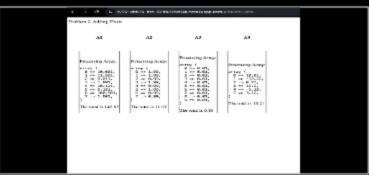Sub Task #1: Show the output from heroku dev (url must be visible)

🖼 Task Screenshots

Gallery Style: 2 Columns

4   2   1

Screenshot of output for problem 2 from heroku dev

Caption(s) (required) ✓
Caption Hint: *Describe/highlight what's being shown*

🔗 Task URLs

URL #1
https://it202-db624-prod-

URL
https://it202-db624-prod-a236ea831ca5.heroku

Sub-Task 100%

Group: Problem 2
Task #1: Problem 2 Evidence
Sub Task #2: Show the code solution (ucid/date as comment must be present)

🖼 Task Screenshots

Gallery Style: 2 Columns

4   2   1

Screenshot of completed code for problem 2

Caption(s) (required) ✓
Caption Hint: *Describe/highlight what's being shown*

≡ Task Response Prompt

Explain in concise steps how this logically works

Response:

> I used a foreach loop to traverse the array and add each array value with total. Then, I used the number format function to make sure there are always two decimal places in the sum.

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

🛈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: 1

Sub-Task
100%
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

4   2   1

Screenshot of output for problem 3 from heroku dev

Caption(s) (required) ✓
Caption Hint: *Describe/highlight what's being shown*

🔗Task URLs

URL #1
https://it202-db624-prod-a236ea831ca5.herokuapp.com/problem3.php

URL
https://it202-db624-prod-a236ea831ca5.heroku

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   1

Screenshot of completed code for problem 3

Caption(s) (required) ✓
Caption Hint: *Describe/highlight what's being shown*

≡, Task Response Prompt

Explain in concise steps how this logically works

Response:

> I used a foreach loop again where I go through all the array elements. I first use gettype() to check the type. If the type is a string, I make sure to cast the result into a string after calling the abs() function. Else, I just set the $val variable to abs($val). After the $val has been set to a positive value, I append it to the $output array.

End of Task 1

End of Group: Problem 3
Task Status: 1/1

Group

100%

Group: Reflection
Tasks: 3
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:

> There weren't any issues I faced while trying to solve these problems.

End of Task 1

Task

100%

Group: Reflection
Task #2: Include the pull request link for this branch
Weight: ~33%
Points: ~0.33

∧ COLLAPSE ∧

ℹ️ Details:

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

↓

🔗 Task URLs

URL #1

https://github.com/Dathster/db624-it202-007/pull/6

URL
https://github.com/Dathster/db624-it202-007/pul

End of Task 2

Task

100%

Group: Reflection
Task #3: Add Screenshot of Wakatime
Weight: ~33%
Points: ~0.33

∧ COLLAPSE ∧

ℹ️ 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

Projects · db624-it202-007

1 hr 27 mins over the Last 7 Days in db624-it202-007 under all branches.

Showing overview screenshot

Screenshot of time spent in different files and branches

End of Task 3

End of Group: Reflection
Task Status: 3/3

End of Assignment