Course: IT202-010-S2025

Assignment: IT202 PHP Multi-Dimension Problems

Student: Justin C. (jjc88)

Status: Submitted | Worksheet Progress: 100%

Potential Grade: 10.00/10.00 (100.00%) Received Grade: 0.00/10.00 (0.00%)

Grading Link: https://learn.ethereallab.app/assignment/v3/IT202-010-S2025/it202-php-multi-dimension-

problems/grading/jjc88

Instructions

- 1. Ensure you read all instructions and objectives before starting.
- 2. Create a new branch from dev called M6-Homework
 - 1. git checkout dev (ensure proper starting branch)
 - git pull origin dev (ensure history is up to date)
 - 3. git checkout -b M6-Homework (create and switch to branch)
- 3. Copy the template code from here: GitHub Repository M6 Homework
 - It includes Problems 1-3 and base.php. Put all into an M6 folder or similar inside your public_html
 - · Immediately record to history
 - □ git add public_html
 - □ git commit -m "adding M6 HW baseline files"
 - □ git push origin M6-Homework
 - Create a Pull Request from M6-Homework to dev and keep it open
- 4. Fill out the below worksheet
 - · Each Problem requires the following as you work
 - ☐ Ensure there's a comment with your UCID, date, and brief summary of how the problem was solved
 - ☐ Initial outline/plan of how you'll solve it via comments (add/commit after this stage)
 - Code solution (add/commit periodically as needed)
- Once finished, click "Submit and Export"
- 6. Locally add the generated PDF to a folder of your choosing inside your repository folder and move it to Github
 - 1. git add .
 - 2. git commit -m "adding PDF"
 - 3. git push origin M6-Homework
 - 4. On Github merge the pull request from M6-Homework to dev
 - 5. On Github create a pull request from dev to prod and immediately merge. (This will trigger the prod deploy to make the heroku prod links work)
- 7. Upload the same PDF to Canvas
- 8. Sync Local
 - 1. git checkout dev
 - 2. git pull origin dev



Section #1: (2.5 pts.) Problem 1 - Subset

Task #1 (2.50 pts.) - Edit the `processBirds` function to extract prop

Section #2: (2.5 pts.) Problem 2 - Adding Properties

Task #1 (2.50 pts.) - Edit the `processCars` function to add properti

Combo Task:

Weight: 100%

Objective: Edit the 'processCars' function to add properties

Details:

- Only make edits where noted via provided comments
- Challenge 1: Add a new property called age that's set from today's year and the car's year
- Challenge 2: Add a new property called isClassic that's true/false based on \$classic_age
- Step 1: sketch out plan using comments (include ucid and date)
- Step 2: Add/commit your outline of comments (required for full credit)
- Step 3: Add code to solve the problem (add/commit as needed)

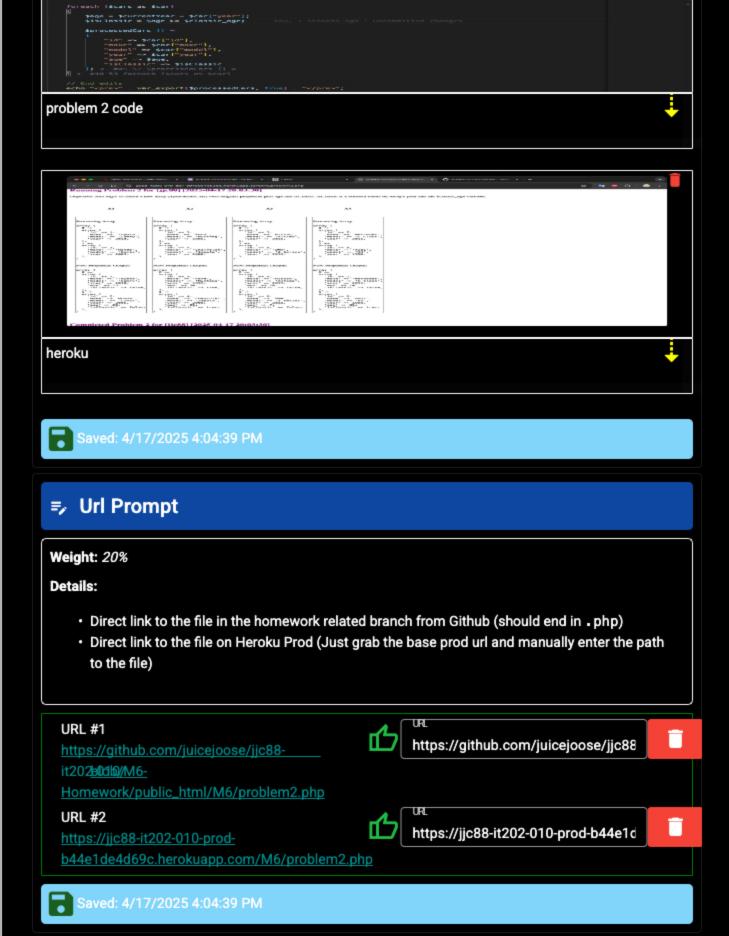
■ Image Prompt

Weight: 40%

Details:

Two screenshots are expected

- Snippet of relevant code showing solution (with ucid/date comment)
- 2. Full output of executing the program (visit the proper file on Heroku dev after a manual deploy)



Text Prompt

Weight: 40%

Details:

Briefly explain how the code solves the challenges (note: this isn't the same as what the code does)

Your Response:

First have a determine current year which is 2025, then using logic to create a foreach. This for each will find age and is isClassic is true or false, for each car in the array. Then will create a new array for each car with original properties and filling in the age and isClassic with the predetermined values at the begining of the logic.



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Section #3: (2.5 pts.) Problem 3 - Join

Task #1 (2.50 pts.) - Edit the `joinArrays` function to combine two a

Combo Task:

Weight: 100%

Objective: Edit the 'joinArrays' function to combine two arrays based on a common key

Details:

- · Only make edits where noted via provided comments
- Challenge: Combine the data in both arrays by the userId property
- Step 1: sketch out plan using comments (include ucid and date)
- Step 2: Add/commit your outline of comments (required for full credit)
- Step 3: Add code to solve the problem (add/commit as needed)

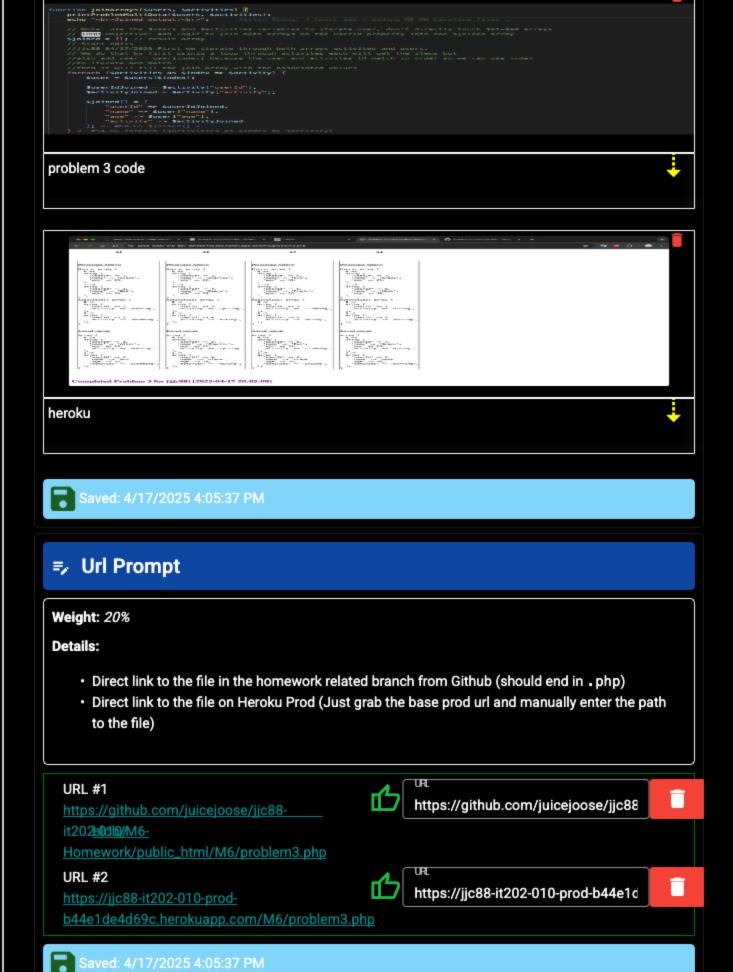
Image Prompt

Weight: 40%

Details:

Two screenshots are expected

- Snippet of relevant code showing solution (with ucid/date comment)
- 2. Full output of executing the program (visit the proper file on Heroku dev after a manual deploy)



Text Prompt

Weight: 40%

Details:

Briefly explain how the code solves the challenges (note: this isn't the same as what the code does)

Your Response:

First we iterate through both arrays activites and users. We do that by first usinig a loop through activites each will get the items but also add user = user[index] because the user and activites ID match in order so we can use index to iterate and match. then it will fill the join array with the associated value.



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Section #4: (2.5 pts.) Misc

Task #1 (0.83 pts.) - Github Details

Combo Task:

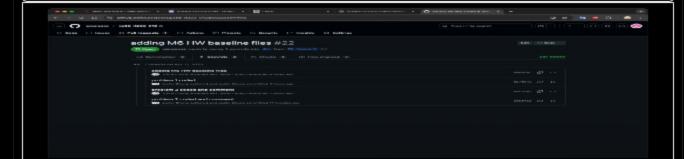
Weight: 33.33%

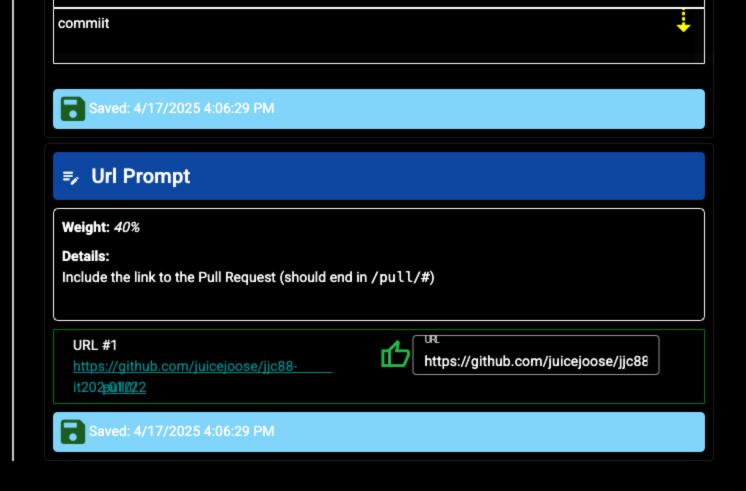
Objective: Github Details

Image Prompt

Weight: 60%

From the Commits tab of the Pull Request screenshot the commit history Following minimum should be present





Task #2 (0.83 pts.) - WakaTime - Activity

Image Prompt

Weight: 33.33%

Objective: WakaTime - Activity

Details:

- · Visit the WakaTime.com Dashboard
- · Click Projects and find your repository
- · Capture the overall time at the top that includes the repository name
- · Capture the individual time at the bottom that includes the file time
- · Note: The duration isn't relevant for the grade and the visual graphs aren't necessary



overall



Task #3 (0.83 pts.) - Reflection

Weight: 33.33% Objective: Reflection

Sub-Tasks:

Task #1 (0.33 pts.) - What did you learn?

Text Prompt

Weight: 33.33%

Objective: What did you learn?

Details:

Briefly answer the question (at least a few decent sentences)

Your Response:

I learned using logic and arrays together. More so getting information and data from array in a loop fashion to get all properties of data. Also learrning to join two arrays by combining data.

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Task #2 (0.33 pts.) - What was the easiest part of the assignr

Text Prompt

Weight: 33.33%

Objective: What was the easiest part of the assignment?

Details:

Briefly answer the question (at least a few decent sentences)

Your Response:

Easiest part of the assignment was the submission as nott many to submit. Also the code problems were easy to oget hhang of once you try.



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Task #3 (0.33 pts.) - What was the hardest part of the assign

≡ Text Prompt

Weight: 33.33%

Objective: What was the hardest part of the assignment?

Details:

Briefly answer the question (at least a few decent sentences)

Your Response:

Hardest part was just gettinig started and wherre to start. Although i would say thiis is a more easier assignment.



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