Submission Worksheet

CLICK TO GRADE

https://learn.ethereallab.app/assignment/IT202-450-M2024/generic-module-5-multi-dimension-php-problems/grade/hmk4

IT202-450-M2024 - [Generic] Module 5 Multi-Dimension PHP Problems

Submissions:

Submission Selection

1 Submission [active] 6/24/2024 8:26:18 PM

Instructions

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Overview video: https://youtu.be/lp568G93Noo

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/f7b0489fb0d8cee615d6626056ac5de2
4. Create individual PHP files for each problem and save the files inside your `public_html` folder in a subfolder of your choice.
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 `Module5` 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 main (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: M5-MD-PHP-Problems

Tasks: 6 Points: 10.00

Problem 1 (3 pts.)

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Task #1 - Points: 1

Text: Problem 1 Evidence

Details:
Only make edits where the template code mentions.

Solution should add logic to create a new array with only name, color, and region (subset of the original data)
Requires at least 2 screenshots (code + output from heroku dev)
Live URL must be Herokue Prod

#1) Show the output from heroku dev (url

Caption (required) ✓
Describe/highlight what's being shown
being shown above is an work being deployed from heroku dev

#2) Show the code solution (ucid/date as

Caption (required) ✓
Describe/highlight what's being shown
shown above is a screeshot of the completed php code for problem 1

URL (required) ✓

URL must be Heroku prod

https://hmk4-prod-24-4ae7379810e9.her
PHP-Problems/M5_prob1.php

Explanation (required) ✓

Explain in concise steps how this logically works

PREVIEW RESPONSE

in the first code I implimented a foreach loop to iterate through every variable in the array. I then used unset to remove "size" and "id" from the list. after removing "size" and "id" from each array using unset, array_push was used to push the new list of variables into the new output array $subset.

Problem 2 (3 pts.)

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Task #1 - Points: 1

Text: Problem 2 Evidence

Details:

Only make edits where the template code mentions.

Solution should add logic to create a new array with original properties plus age and isClassic (extra data)
Requires at least 2 screenshots (code + output from heroku dev)
Live URL must be Herokue Prod

#1) Show the output from heroku dev (url

#2) Show the code solution (ucid/date as

Caption (required) ✓
Describe/highlight what's being shown
being shown above is an work being deployed from heroku dev

URL (required) ✓
URL must be Heroku prod
https://hmk4-prod-24-4ae7379810e9.her
PHP-Problems/M5_prob2.php

Caption (required) ✓
Describe/highlight what's being shown
shown above is a screenshot of the completed php code for problem 2

Explanation (required) ✓
Explain in concise steps how this logically works
PREVIEW RESPONSE
I first set $currentyear to this current year using the function date(). I needed to do this in order to get the age of the cars later on. next, i implimented a foreach loop to iterate through every value in the given arrays so that I can reach the value "year" which will be needed later. Then I created a new variable called age where I subtracted "year" from $currentyear. Then I implimented an if else statement within the loop so that if age is greater than 25 then the result will display $isClassic as true otherwise $isClassic is displayed as false. lastly i assigned $isClassic to the string "isClassic" and $age to "age" to be put into the array. To finally push these new values in and create a new and updated array I used array_push.

Problem 3 (3 pts.)

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COLLAPSE

Task #1 - Points: 1

Text: Problem 3 Evidence

Details:

Only make edits where the template code mentions.
Solution should add logic to join the arrays on userId
Requires at least 2 screenshots (code + output from heroku dev)
Live URL must be Herokue Prod

#1) Show the output from heroku dev (url

Caption (required) ✓

Describe/highlight what's being shown

being shown above is an work being deployed from heroku dev

URL (required) ✓

URL must be Heroku prod

https://hmk4-prod-24-4ae7379810e9.her
PHP-Problems/M5_prob3.php

#2) Show the code solution (ucid/date as

Caption (required) ✓

Describe/highlight what's being shown

shown above is a screenshot of the completed php code for problem 2

Explanation (required) ✓

Explain in concise steps how this logically works

PREVIEW RESPONSE

in the problem i had to do a nested foreach loop so that i can first iterate through each user and then iterate through each activity. I did this beacuse i needed to compare the strings in the users array and activities array. I wanted to do this in a specific way where the user ID's from activities

and users must match, otherwise they cannot be joined. to do this i implimented an if statement where the userID from users and activities must be compared and if they are the same then the arrays with matching user ID's can be merged using array_merge and then assigning the merged arrays to a new variable. Lastly, using array_push I pushed the newly joined arrays into the empty result array.

Reflection (1 pt.)

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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:

This assignment was a bit more hefty compared to previous assignments that I've worked on because I had to find the correct php function to use in order to get the results i needed in the code. I also forgot to add my ucid and name after merging the M5 branch so i tried reverting the the merge, making changes and then pushing again but the history of the what was there before ended up getting lost. Finally things worked after reverting the revert.

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Task #2 - Points: 1

Text: Include the pull request link for this branch

Details:

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

URL #1

https://github.com/hannakoshy3/hmk4-IT202-450/compare/main...M5-MD-PHP-Problems

URL #2

https://github.com/hannakoshy3/hmk4-IT202-450/compare/main...revert-9-revert-8-M5-MD-PHP-Problems

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Task #3 - Points: 1

Text: Add Screenshot of Wakatime

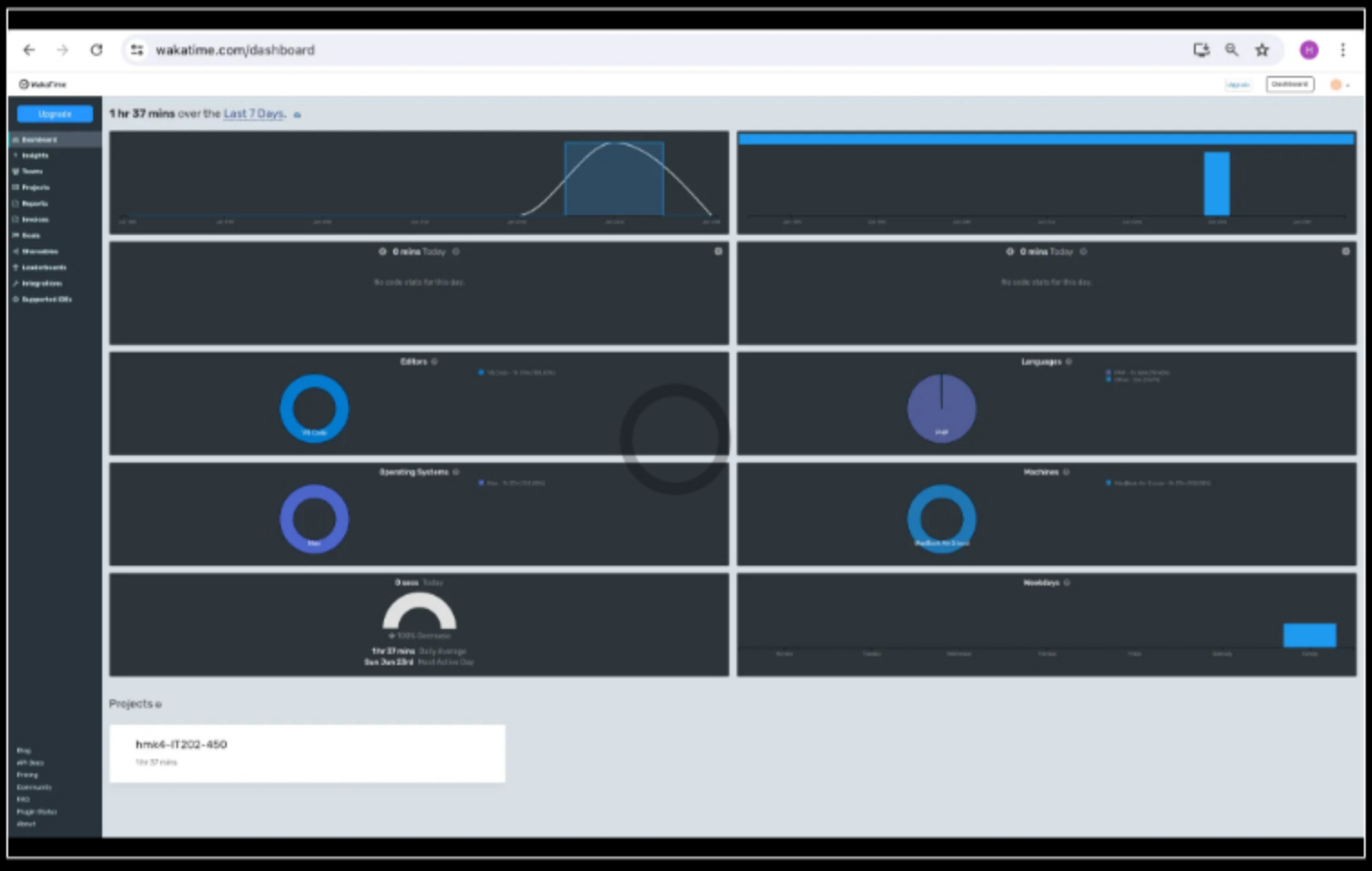
Details:

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



screenshot of wakatime

End of Assignment