

Submission Worksheet

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<https://learn.ethereallab.app/assignment/IT202-008-S2024/it202-php-intro-readings/grade/ekh3>

IT202-008-S2024 - [IT202] PHP Intro Readings

Submissions:

Submission Selection

1 Submission [active] 2/10/2024 11:09:45 PM

Instructions

^ COLLAPSE ^

- 1 .Visit w3schools and go to the PHP Tutorial: <https://my-learning.w3schools.com/tutorial/php>
- 2 .Complete the following readings
 - 1 .Introductions Lessons 1.1 - 1.6
 - 2 .Variables 2.1 - 2.2
 - 3 .Echo/Print 3.1
 - 4 .Data Types Lessons 4.1 - 4.5
 - 5 .String Lessons 5.1 - 5.5
 - 6 .Operators and Math Lessons 6.1 - 6.2
 - 7 .Conditionals Lessons 7.1 - 7.6
 - 8 .Loops Lessons 8.1 - 8.7
 - 9 .Functions Lessons 9.1
 - 10 Arrays Lessons 10.1 - 10.10

Guide:

- 1 .Make sure you're in the main branch locally and ``git pull origin main`` any pending changes
- 2 .Make a new branch per the recommended branch name below (`git checkout -b ...`)
- 3 .Fill in the items in the worksheet below (save as often as necessary)
- 4 .Once finished, export the worksheet
- 5 .Add the output file to any location of your choice in your repository folder (i.e., a Module2 folder)
- 6 .Check that git sees it via ``git status``
- 7 .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., main <- "homework branch")
 - 5 .Open and complete the merge of the pull request (it should turn purple)
 - 6 .Locally checkout main and pull the latest changes (to prepare for future work)
- 8 .Take the same output file and upload it to Canvas
 - 1 .*This step is new since GitHub renders the PDF as an image the links aren't clickable so this method works better
 - 2 .*Remember, the github process of these files are encouragement for your tracking of your progress

Branch name: M2-PHP-Readings

Tasks: 11 Points: 10.00



Readings (8 pts.)

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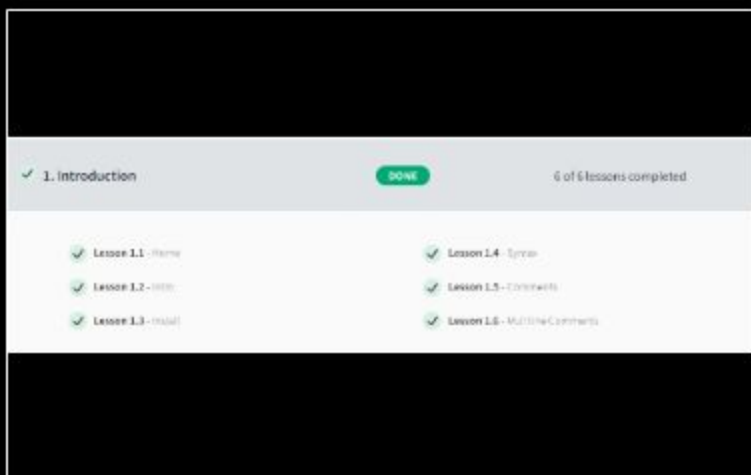
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Task #1 - Points: 1

Text: Introductions Lessons 1.1 - 1.6

Task Screenshots:

☐ Large Gallery



Lesson 1 Completed



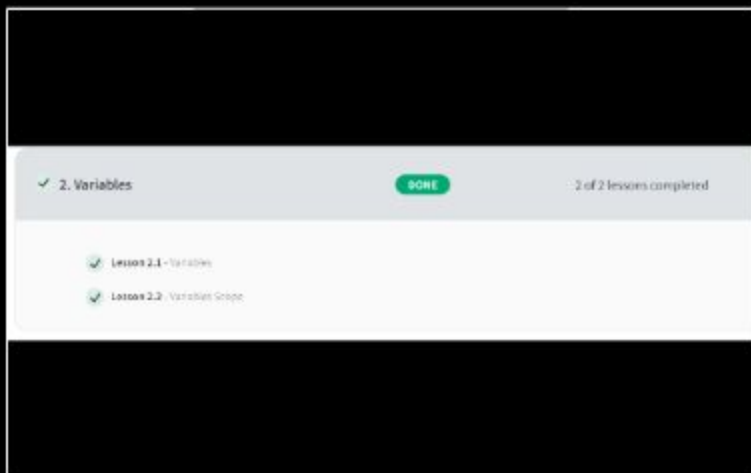
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Task #2 - Points: 1

Text: Variables 2.1 - 2.2

Task Screenshots:

☐ Large Gallery



Lesson 2 Completed



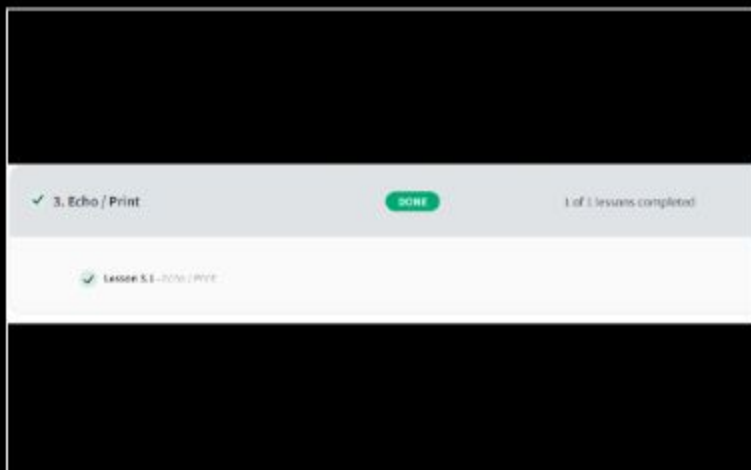
COLLAPSE

Task #3 - Points: 1

Text: Echo/Print 3.1

Task Screenshots:

☐ Large Gallery



Lesson 3 Completed



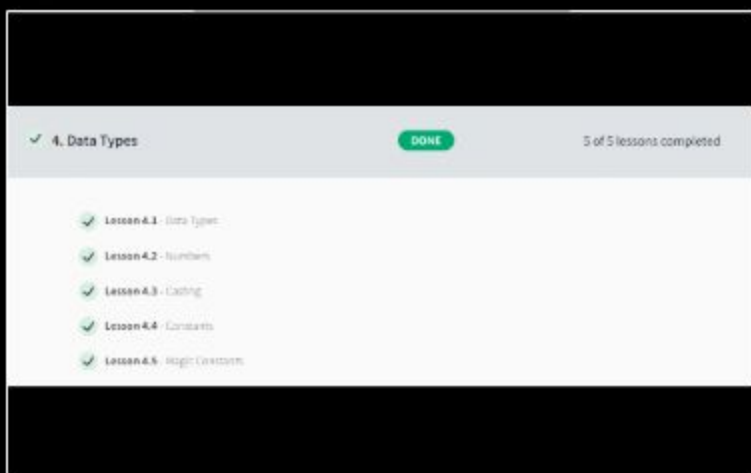
COLLAPSE

Task #4 - Points: 1

Text: Data Types Lessons 4.1 - 4.5

Task Screenshots:

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Lesson 4 Completed



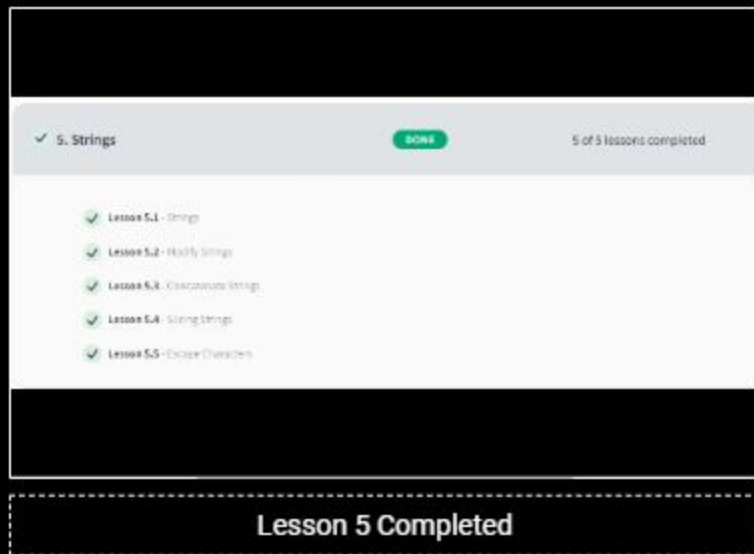
COLLAPSE

Task #5 - Points: 1

Text String Lessons 5.1 - 5.5

Task Screenshots:

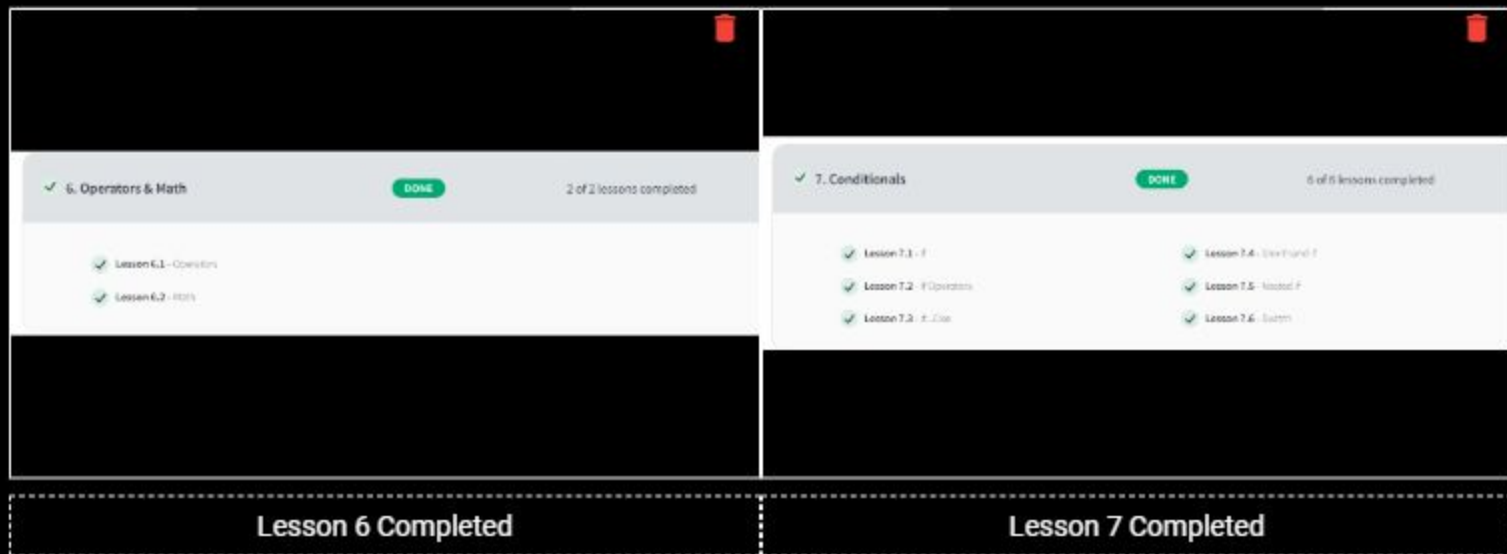
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Task #6 - Points: 1 Text: Operators and Math Lessons 6.1 - 6.2

Task Screenshots:

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Task #7 - Points: 1 Text: Conditionals Lessons 7.1 - 7.6

Response:

Lesson 7 image is in task 6, please refer there.



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Task #8 - Points: 1

Text: Loops Lessons 8.1 - 8.7

Task Screenshots:

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3. Loops **DONE** 7 of 7 lessons completed

- Lesson 8.1 - Loops
- Lesson 8.2 - While Loop
- Lesson 8.3 - Do While Loop
- Lesson 8.4 - For Loop
- Lesson 8.5 - For Each Loop
- Lesson 8.6 - Do Until
- Lesson 8.7 - Continue

Lesson 8 Completed



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Task #9 - Points: 1

Text: Functions Lessons 9.1

Task Screenshots:

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9. Functions **DONE** 1 of 1 lessons completed

- Lesson 9.1 - Functions

Lesson 9 Completed



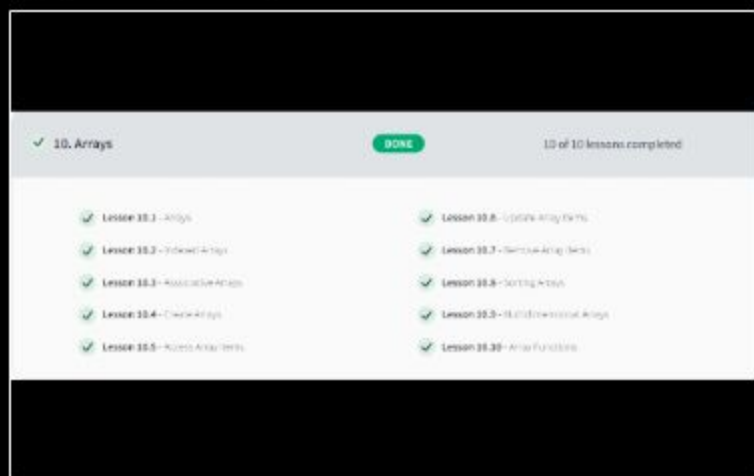
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Task #10 - Points: 1

Text: Arrays Lessons 10.1 - 10.10

Task Screenshots:

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Lesson 10 Completed

Reflection (2 pts.)

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Task #1 - Points: 1

Text: Reflect on the topics and refer to the checklist of this task

Checklist

*The checkboxes are for your own tracking

#	Points	Details
<input type="checkbox"/> #1	1	Mention specifics of what concepts/topics were totally new to you.
<input type="checkbox"/> #2	1	Mention specifics of what concepts/topics you already knew.
<input type="checkbox"/> #3	1	Mention specifics of any topics you still don't feel confident about. If everything makes sense so far you can mention so.
<input type="checkbox"/> #4	1	At least a few reasonable sentences.

Response:

PHP is a very versatile language that provides a strong backbone for front-end development. I knew PHP at a high level, so exploring it in depth was helpful to see its full power. As a loosely typed language, it can help with development especially when it comes to numbers where it automatically widens when numbers overflow. Arrays, associative arrays, and strings are well thought out with many member functions and attributes that allow them to be very useful. For instance, each loop allows for so much power with arrays and associative arrays especially since it can unpack the values into its key and value form. That being, the way that arrays are implemented would likely allow for traversing databases to be easier. The topics so far seem to make sense and I am looking forward to trying to implement them in the future.

