Submission Worksheet

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IT114-450-M2024 - [IT114] Module 2 Java Refresh Readings

Submissions:

Submission Selection

1 Submission [active] 6/1/2024 1:30:39 PM

Instructions

COLLAPSE

1. Visit w3schools and go to the Java Tutorial section: https://my-learning.w3schools.com/tutorial/java
2. Complete the following readings
    1. Introduction Lessons 1.1 - 1.5
    2. Output Lessons 2.1 - 2.2
    3. Variables Lessons 3.1 - 3.4
    4. Data Types Lessons 4.1 - 4.7
    5. Operators and Math 6.1 - 6.2
    6. Conditionals Lessons 7.1 - 7.3
    7. Loops Lessons 8.1 - 8.4
    8. Arrays 9.1 - 9.3

Guide:

1. Make sure you're in the main branch locally (`git checkout main`) 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 (name_of_file)`
    2. Commit the changes via `git commit -m "some summary message"` (don't forget the commit message)
    3. Push the changes to GitHub via `git push origin (the_branch_name)` (don't forget

5. Push the changes to GitHub via `git push origin (the_branch_name)` (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)
7. Take the same output file and upload it to Canvas

Branch name: M2-Java-Readings

Tasks: 2 Points: 10.00

Learn Java Tutorial (Part 1) (8 pts.)

^COLLAPSE^

^COLLAPSE^

Task #1 - Points: 1

Text: Read the following sections

#1) Introduction Lessons 1.1

Caption (required) ✓
Describe/highlight what's being shown
Completion of lessons 1.1-1.5

#2) Output Lessons 2.1 - 2.2

Caption (required) ✓
Describe/highlight what's being shown
Completion of lessons 2-2.2

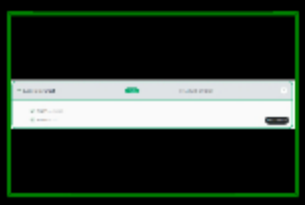
#3) Variables Lessons 3.1

Caption (required) ✓
Describe/highlight what's being shown
Completion of lessons 3.1-3.4

#4) Data Types Lessons 4.1

Caption (required) ✓
Describe/highlight what's being shown
Completion of lessons 4.1-4.7

#5) Operators and Math 6.1



#6) Conditionals Lessons 7.1

#7) Loops Lessons 8.1 - 8.4

#8) Arrays 9.1 - 9.3

Caption (required) ✓
Describe/highlight what's being shown
Completion of lessons 6.1-6.2

Caption (required) ✓
Describe/highlight what's being shown
Completion of lessons 7.1-7.3

Caption (required) ✓
Describe/highlight what's being shown
LCompletion of lessons 8.1-8.4

Caption (required) ✓
Describe/highlight what's being shown
Completion of lessons 9.1-9.3

Reflection (2 pts.)

COLLAPSE

COLLAPSE

Task #1 - Points: 1

Text: Reflect on the following topics

#1) What concepts/topics were totally new to you?

Explanation (required) ✓
Mention specific concepts/topics

PREVIEW RESPONSE

Some concepts that were completely new to me was the object-orientated syntax that Java possesses. Typically, with simpler languages such as python, in a way, it is similar to pseudo code where the code is very comprehensible from a surface level. For instance, to output a result in Python, it is simple as just saying Print(value). However, in Java, you must output to the console by typing "System.out.println(value)".

#2) What concepts/topics were you already familiar

Explanation (required) ✓
Mention specific concepts/topics

PREVIEW RESPONSE

Some concepts I was already familar with were data types used in Java. They are typically synonymous across most languages. Consisting of string, int, boolean and other values. Also including topics such as loops and conditionals, despite different syntax, it is generally the same concept.

#3) What topics do you still not feel confident about? If

Explanation (required) ✓
At least a few reasonable sentences.

PREVIEW RESPONSE

I am a bit behind on understanding the concept of multi-dimensional arrays. It can start to be confusing unless you are able to fully visualize how the array will look like. It requires extra thought that regular 2 dimensional arrays otherwise wouldn't require.

End of Assignment