Submission Worksheet

IT114-006-S2024 - [IT114] Java Readings Part 3

Submissions:

Submission Selection

1 Submission [active] 2/24/2024 3:19:49 AM

Instructions

^ COLLAPSE ^

Visit w3schools and go to the Java Tutorial section: https://my-learning.w3schools.com/tutorial/java
Complete the following readings
    Classes Lessons 11.7 - 11.14, 11.16 - 11.20, 11.22 - 11.26
    Java Quiz (on the tutorial page)

Guide:

Make sure you're in the main branch locally and `git pull origin main` any pending changes
Make a new branch per the recommended branch name below (git checkout -b ...)
Fill in the items in the worksheet below (save as often as necessary)
Once finished, export the worksheet
Add the output file to any location of your choice in your repository folder (i.e., a Module2 folder)
Check that git sees it via `git status`
If everything is good, continue to submit
    Track the file(s) via `git add`
    Commit the changes via `git commit` (don't forget the commit message)
    Push the changes to GitHub via `git push` (don't forget to refer to the proper branch)
    Create a pull request from the homework related branch to main (i.e., main <- "homework branch")
    Open and complete the merge of the pull request (it should turn purple)
    Locally checkout main and pull the latest changes (to prepare for future work)
Take the same output file and upload it to Canvas
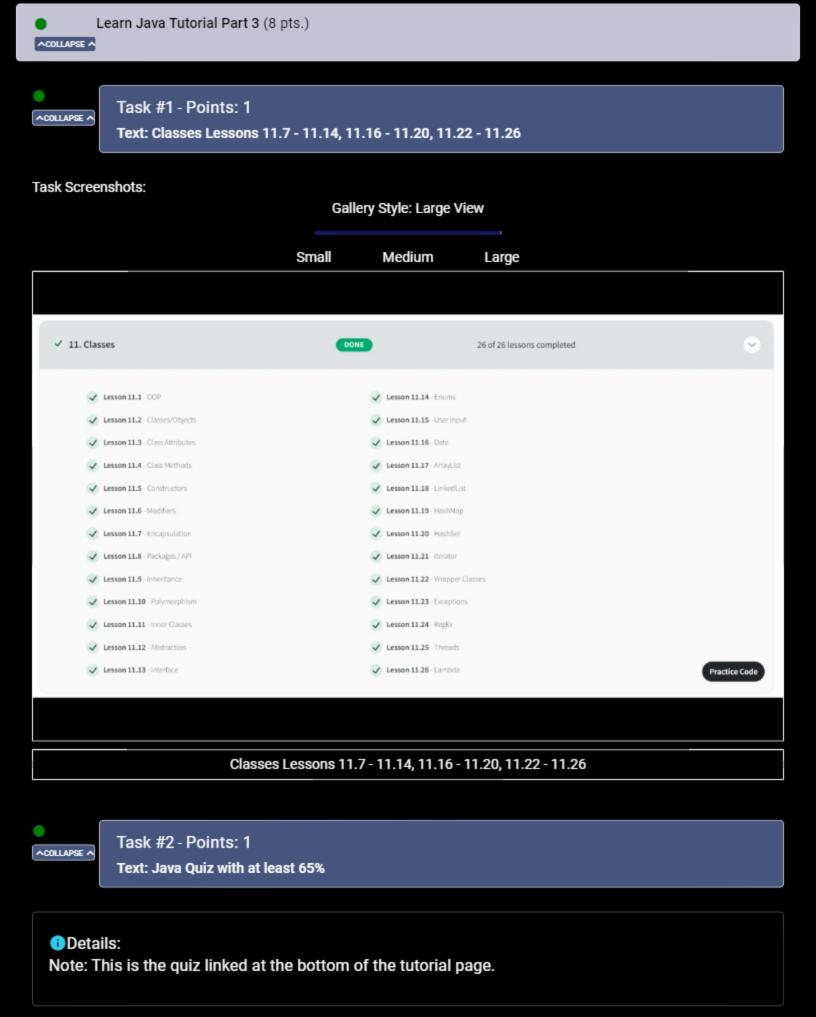   *This step is new since GitHub renders the PDF as an image the links aren't clickable so this method works better
    *Remember, the github process of these files are encouragement for your tracking of your progress

Branch name: M4-Java-Readings

Tasks: 3 Points: 10.00

Learn Java Tutorial Part 3 (8 pts.)

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Task #1 - Points: 1

Text: Classes Lessons 11.7 - 11.14, 11.16 - 11.20, 11.22 - 11.26

^COLLAPSE ^

Task Screenshots:

Gallery Style: Large View

Small   Medium   Large

| ✓ 11. Classes | DONE | 26 of 26 lessons completed | ⌄ |

✓ Lesson 11.1 - OOP	✓ Lesson 11.14 - Enums
✓ Lesson 11.2 - Classes/Objects	✓ Lesson 11.15 - User Input
✓ Lesson 11.3 - Class Attributes	✓ Lesson 11.16 - Date
✓ Lesson 11.4 - Class Methods	✓ Lesson 11.17 - ArrayList
✓ Lesson 11.5 - Constructors	✓ Lesson 11.18 - LinkedList
✓ Lesson 11.6 - Modifiers	✓ Lesson 11.19 - HashMap
✓ Lesson 11.7 - Encapsulation	✓ Lesson 11.20 - HashSet
✓ Lesson 11.8 - Packages / API	✓ Lesson 11.21 - Iterator
✓ Lesson 11.9 - Inheritance	✓ Lesson 11.22 - Wrapper Classes
✓ Lesson 11.10 - Polymorphism	✓ Lesson 11.23 - Exceptions
✓ Lesson 11.11 - Inner Classes	✓ Lesson 11.24 - RegEx
✓ Lesson 11.12 - Abstraction	✓ Lesson 11.25 - Threads
✓ Lesson 11.13 - Interface	✓ Lesson 11.26 - Lambda

Practice Code

Classes Lessons 11.7 - 11.14, 11.16 - 11.20, 11.22 - 11.26

Task #2 - Points: 1

Text: Java Quiz with at least 65%

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ⓘ Details:

Note: This is the quiz linked at the bottom of the tutorial page.

Task Screenshots:

Gallery Style: Large View

W3Schools Quizzes

Quiz HOME
Quiz HTML
Quiz CSS
Quiz JavaScript
Quiz SQL
Quiz MySQL
Quiz Python
Quiz PHP
Quiz Bootstrap
Quiz Bootstrap 4
Quiz Bootstrap 5
Quiz jQuery
Quiz React
Quiz Java
Quiz C
Quiz C++
Quiz C#
Quiz R
Quiz Kotlin
Quiz NumPy
Quiz SciPy
Quiz Pandas
Quiz Django

Java Quiz

Result:

24 of 25

96%

You can be proud of yourself!

Time Spent
7:42

[Check your answers] [Try Again] [Back to Quizzes]

Share your score:

[f] [𝕏] [in]

Java Quiz with 96%

● **Reflection (2 pts.)**

∧COLLAPSE∧

● ∧COLLAPSE∧

Task #1 - Points: 1

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

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Checklist   *The checkboxes are for your own tracking

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

Response:

Encapsulation: I had prior knowledge of encapsulation, which involves bundling data and methods within a class for better organization and access control.

Enums: Enums, or enumerations, were not new to me. I knew they were used to define a set of named constant values for improved code readability.

HashSet: I had a good understanding of HashSet as a data structure that stores a collection of unique elements, preventing duplicates.

As of now, everything mentioned in Lesson makes sense.

End of Assignment