Submission Worksheet

IT114-006-S2024 - [IT114] Java Refresh Readings Part 2

Submissions:

Submission Selection

1 Submission [active] 2/16/2024 4:13:24 PM

Instructions

^ COLLAPSE ^

2.
1.
2. Visit w3schools and go to the Java Tutorial section: https://my-learning.w3schools.com/tutorial/java
3.
4. Complete the following readings
   Strings Lessons 5.1 - 5.4
   Methods Lessons 10.1-10.5
   Classes Lessons 11.1 - 11.6, 11.15, 11.21
   File Handling Lessons 12.1 - 12.4

1.
2.
Guide:
3.
4.
5. Make sure you're in the main branch locally and `git pull origin main` any pending changes
6. Make a new branch per the recommended branch name below (git checkout -b ...)
7. 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
   4. Track the file(s) via `git add`
   5. Commit the changes via `git commit` (don't forget the commit message)
   6. Push the changes to GitHub via `git push` (don't forget to refer to the proper branch)
8. Create a pull request from the homework related branch to main (i.e., main <- "homework branch")
   1. Open and complete the merge of the pull request (it should turn purple)
   2. Locally checkout main and pull the latest changes (to prepare for future work)
   Take the same output file and upload it to Canvas
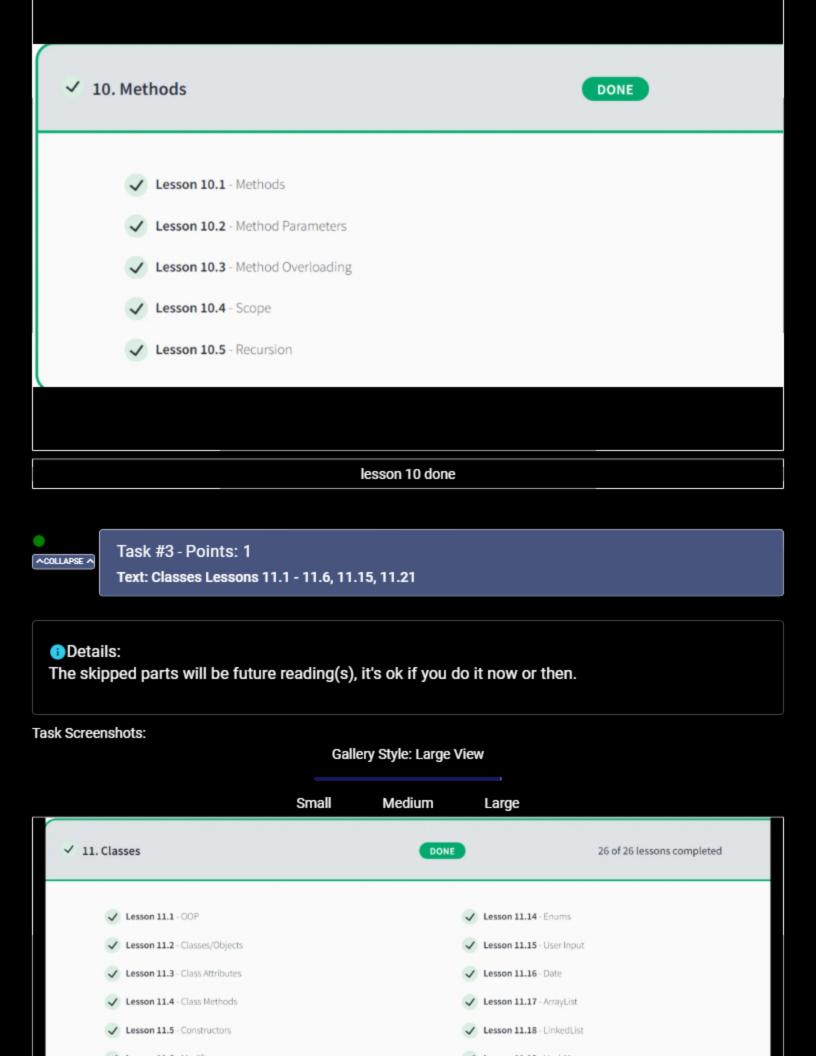   *This step is new since GitHub renders the PDF as an image the links aren't clickable so this method works better
   *Remember, the github process of these files are encouragement for your tracking of your progress

Branch name: M3-Java-Readings

Tasks: 5 Points: 10.00

● Learn Java Tutorial Part 2 (8 pts.)
∧COLLAPSE∧

●
∧COLLAPSE∧

Task #1 - Points: 1
Text: Strings Lessons 5.1 - 5.4

Task Screenshots:

Gallery Style: Large View

Small   Medium   Large

✓ 5. Strings   DONE

✓ **Lesson 5.1** - Strings

✓ **Lesson 5.2** - Concatenation

✓ **Lesson 5.3** - Numbers and Strings

✓ **Lesson 5.4** - Special Characters

lesson 5 done

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Task #2 - Points: 1
Text: Methods Lessons 10.1-10.5

Task Screenshots:

Gallery Style: Large View

Small   Medium   Large

10. Methods ✓   **DONE**

✓ **Lesson 10.1** - Methods

✓ **Lesson 10.2** - Method Parameters

✓ **Lesson 10.3** - Method Overloading

✓ **Lesson 10.4** - Scope

✓ **Lesson 10.5** - Recursion

lesson 10 done

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Task #3 - Points: 1

Text: Classes Lessons 11.1 - 11.6, 11.15, 11.21

ⓘ **Details:**

The skipped parts will be future reading(s), it's ok if you do it now or then.

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

finished lesson 11 I ended up doing all the readings

●

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Task #4 - Points: 1

Text: File Handling Lessons 12.1 - 12.4

Task Screenshots:

Gallery Style: Large View

Small   Medium   Large

✓ **12. File Handling**   DONE

✓ **Lesson 12.1** - Files

✓ **Lesson 12.2** - Create/Write Files

✓ **Lesson 12.3** - Read Files

✓ **Lesson 12.4** - Delete Files

lesson 12 done

● **Reflection** (2 pts.)

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
☐ #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:

During my Java classes on strings, file handling, and classes, I learned a few new ideas. File handling improved my knowledge of effective data manipulation with files by introducing me to FileReader, FileWriter, and BufferedReader. My understanding of constructors, methods, and object-oriented concepts—including the importance of encapsulation—was strengthened by the class lesson. Investigating strings revealed details about string manipulation techniques and the significance of Java's immutability. These approachable classes broadened my understanding and offered helpful advice for efficient Java programming.

End of Assignment