Submission Worksheet

CLICK TO GRADE

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

Submissions:

Submission Selection

1 Submission [active] 2/14/2024 6:38:59 PM

Instructions

^ COLLAPSE ^

Visit w3schools and go to the Java Tutorial section: https://my-learning.w3schools.com/tutorial/java

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

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)
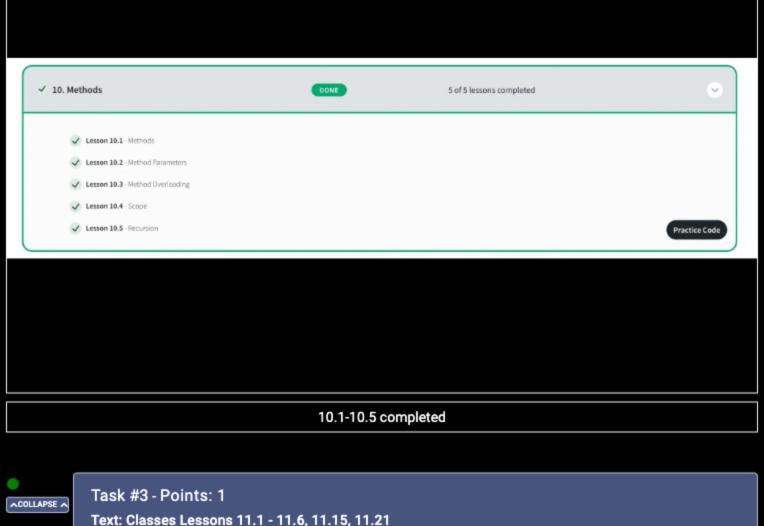Take the same output file and upload it to Canvas
- *This step is new since GitHub renders the PDF as an image the links aren't clickable so this method works better
- *Remember, the github process of these files are encouragement for your tracking of your progress

Branch name: 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   4 of 4 lessons completed

✓ Lesson 5.1 - Strings

✓ Lesson 5.2 - Concatenation

✓ Lesson 5.3 - Numbers and Strings

✓ Lesson 5.4 - Special Characters   Practice Code

5.1-5.4 readings completed

●

∧COLLAPSE ∧

Task #2 - Points: 1

Text: Methods Lessons 10.1-10.5

Task Screenshots:

Gallery Style: Large View

Small   Medium   Large

10. Methods ✓   **DONE**   5 of 5 lessons completed ⌄

✓ **Lesson 10.1** - Methods

✓ **Lesson 10.2** - Method Parameters

✓ **Lesson 10.3** - Method Overloading

✓ **Lesson 10.4** - Scope

✓ **Lesson 10.5** - Recursion

Practice Code

10.1-10.5 completed

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^COLLAPSE ^

Task #3 - Points: 1

Text: Classes Lessons 11.1 - 11.6, 11.15, 11.21

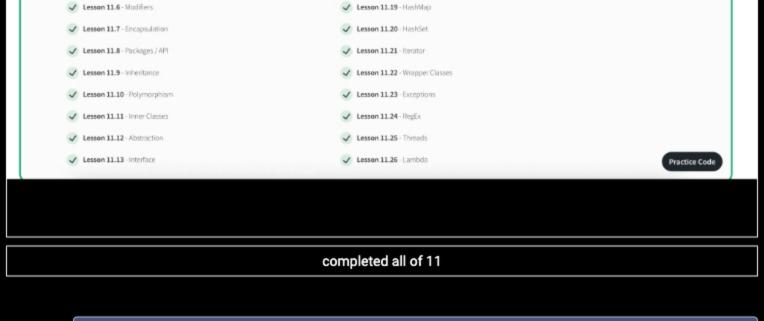
ⓘ **Details:**

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

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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

completed all of 11

●

^COLLAPSE^

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   4 of 4 lessons completed   ⌄

✓ Lesson 12.1 - Files

✓ Lesson 12.2 - Create/Write Files

✓ Lesson 12.3 - Read Files

✓ Lesson 12.4 - Delete Files

Practice Code

12.1-12.4 completed

●   Reflection (2 pts.)

∧COLLAPSE ∧

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:

I have seen most of these topics in a previous java course, CS113. I struggled a bit in that class, so it was good for me to read everything over again. One topic I feel rather solid in is Java loops, and mathematics in java. Some topics I still struggle with are multidimensional arrays, and arrays in general. I still don't feel very confident about the overall java syntax and how everything comes together, especially as we get into more advanced java programming, but the more I practice the more I improve.

End of Assignment