

Submission Worksheet

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<https://learn.ethereallab.app/assignment/IT114-006-S2024/it114-java-readings-part-3/grade/ms75>

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

Submissions:

Submission Selection

1 Submission [active] 2/26/2024 11:55:09 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.)

^COLLAPSE ^

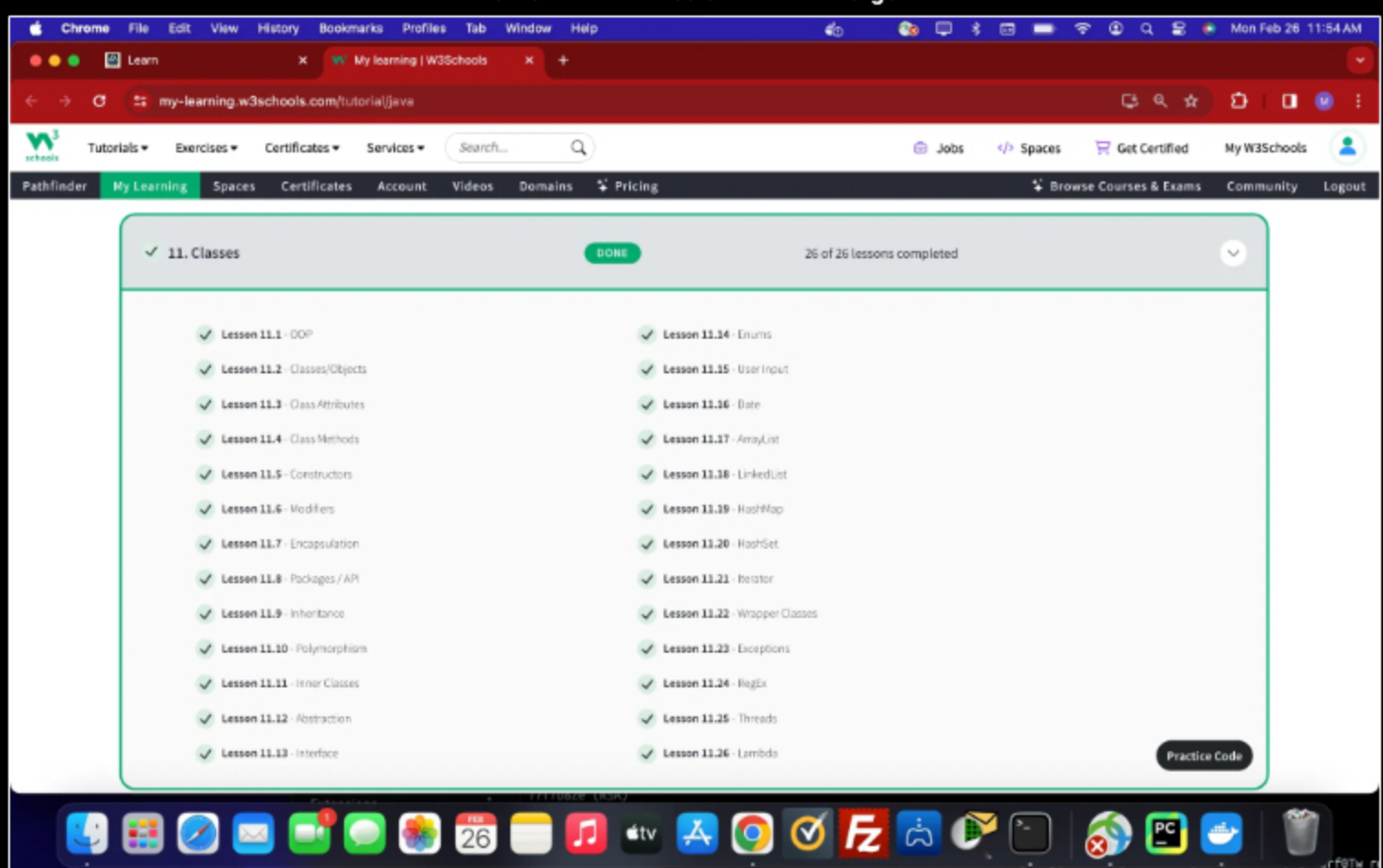
Task #1 - Points: 1

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

Task Screenshots:

Gallery Style: Large View

Small Medium Large



The screenshot shows a web browser displaying the W3Schools Java tutorial page for Lesson 11. The page title is "11. Classes" and it indicates "26 of 26 lessons completed". A green "DONE" button is visible. The lessons listed are:

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

A "Practice Code" button is located at the bottom right of the lesson list.

Lesson 11

Task #2 - Points: 1

Text: Java Quiz with at least 65%

Details:

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

Task Screenshots:

Gallery Style: Large View

Small Medium Large

The screenshot shows a web browser window displaying the W3Schools Java Quiz result page. The browser's address bar shows the URL 'w3schools.com/quiztest/quiztest.asp?qtest=JAVA'. The W3Schools logo is in the top left, and navigation links for Tutorials, Exercises, Certificates, and Services are in the top center. A search bar is also present. The main content area displays the 'Java Quiz' result: 'Result: 20 of 25' and '80%'. Below this, it says 'Almost! Study a little more and take the test again!'. The 'Time Spent' is '4:19'. There are three buttons: 'Check your answers', 'Try Again', and 'Back to Quizzes'. A 'Share your score:' section includes social media icons for Facebook, Twitter, and LinkedIn. On the left, a sidebar lists various quizzes, with 'Quiz Java' highlighted. At the top of the main content area, there is a large advertisement for the 'hulu Disney+ DISNEY BUNDLE' with a 'SIGN UP NOW' button. The bottom of the browser window shows a dock with various application icons.

JAVA quiz

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 |
|-----------------------------|--------|--|
| <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:

The only new concepts that I was unfamiliar with were Lambda and Threads. I have a better understanding of them now. Enums were also slightly new as I am familiar with them and have heard of them but have never seen or used them. Concepts like REGEX and LinkedLists I am familiar with and used to.

End of Assignment