

Submission Worksheet

CLICK TO GRADE

<https://learn.ethereallab.app/assignment/IT114-002-S2024/it114-java-readings-part-3/grade/ns87>

IT114-002-S2024 - [IT114] Java Readings Part 3

Submissions:

Submission Selection

1 Submission [active] 2/26/2024 9:54:59 PM

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

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

✓ 11. Classes DONE 26 of 26 lessons completed

- ✓ 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 - 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%**

Details:

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

Task Screenshots:

Gallery Style: Large View

Small

Medium

Large

Java Quiz

Result:

23 of 25

92%

You can be proud of yourself!

Time Spent

10:05

[Check your answers](#)[Try Again](#)[Back to Quizzes](#)

Share your score:



Java Quiz with 92%



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:

New Concepts:

Enumerations (Enums): I learned about defining and using enums for representing a set of named constants.

Already Knew:

Encapsulation: I was familiar with the idea of encapsulating data and behavior within a class, controlling access with private modifiers.

Not Fully Confident:

HashSet: While I understand the basics of sets, I might need more practice with the specific usage of HashSet in Java collections.

Overall, the concepts seem clear, but I could benefit from more hands-on practice with HashSet to strengthen my understanding.

End of Assignment