

# Submission Worksheet

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<https://learn.ethereallab.app/assignment/IT114-004-S2024/it114-java-readings-part-3/grade/grg>

IT114-004-S2024 - [IT114] Java Readings Part 3

## Submissions:

Submission Selection

1 Submission [active] 2/26/2024 12:12:13 PM

## Instructions

^ COLLAPSE ^

- 1.
- 2.

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:

1. Make sure you're in the main branch locally and ``git pull origin main`` any pending changes
2. Make a new branch per the recommended branch name below (`git checkout -b ...`)
3. Fill in the items in the worksheet below (save as often as necessary)
4. Once finished, export the worksheet
5. Add the output file to any location of your choice in your repository folder (i.e., a Module2 folder)
6. Check that git sees it via ``git status``
7. If everything is good, continue to submit
8. Track the file(s) via ``git add``
9. Commit the changes via ``git commit`` (don't forget the commit message)
10. Push the changes to GitHub via ``git push`` (don't forget to refer to the proper branch)
11. Create a pull request from the homework related branch to main (i.e., main <- "homework branch")
12. Open and complete the merge of the pull request (it should turn purple)
13. Locally checkout main and pull the latest changes (to prepare for future work)
14. Take the same output file and upload it to Canvas
15. \*This step is new since GitHub renders the PDF as an image the links aren't clickable so this method works better
16. \*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

Lesson 11 (11.1-11.26)

## 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:

25 of 25

**100%**

Perfect!!!

**Time Spent**

4:34

java quiz result



Reflection (2 pts.)

^COLLAPSE ^



Task #1 - Points: 1

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

^COLLAPSE ^

### 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:

I had completed the lessons some time ago, so please forgive me if I do not go into a great deal of specificity regarding exactly what was covered, regardless, however, the Java quiz did not pose any significant challenge. From looking at the title(s) of Section 11 and its sub-sections, it appears as though it covered classes and several pertinent

and related concepts, such as constructors, inheritance, polymorphism, and the such like. I was already familiar with all of the concepts covered, and while my coding would almost certainly be improved by further study of these paradigms and the specific applications of different algorithmic patterns, these lessons did not (from my memory) include the level of complexity that I would be looking for in such information.

End of Assignment