

Submission Worksheet

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<https://learn.ethereallab.app/assignment/IT114-451-M2024/it114-module-4-java-readings-part-3/grade/sa2796>

IT114-451-M2024 - [IT114] Module 4 Java Readings Part 3

Submissions:

Submission Selection

1 Submission [active] 6/10/2024 9:28:52 AM

Instructions

^ COLLAPSE ^

1. Visit w3schools and go to the Java Tutorial section: <https://my-learning.w3schools.com/tutorial/java>
2. Complete the following readings
 1. Classes Lessons 11.7 - 11.14, 11.16 - 11.20, 11.22 - 11.26
 2. Java Quiz (on the tutorial page)

Guide:

1. Make sure you're in the main branch locally (`git checkout main`) 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 Module4 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 (name_of_file)`
9. Commit the changes via `git commit -m "some summary message"` (don't forget the commit message)
10. Push the changes to GitHub via `git push origin (the_branch_name)` (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

Branch name: M4-Java-Readings

Tasks: 2 Points: 10.00

Learn Java Tutorial Part 3 (8 pts.)

^COLLAPSE ^

Task #1 - Points: 1

Text: Read the following sections

i Details:

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

#1) Classes Lessons 11.7 - 11.14, 11.16 - 11.20, 11.22 - 11.26



- ✓ 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 - Vector
- ✓ Lesson 11.22 - Wrapper Classes
- ✓ Lesson 11.23 - Exceptions
- ✓ Lesson 11.24 - BigO
- ✓ Lesson 11.25 - Threads
- ✓ Lesson 11.26 - Lambda

Caption (required) ✓

Describe/highlight what's being shown

Completion of Lessons 11.7 - 11.14, 11.16 - 11.20, 11.22 - 11.26

#2) Java Quiz with at least 65%



Quiz

0 ★ 96 points



You scored **96%** correct on the last quiz, and got **96 points**.

Want a star? Get all correct.

Retake quiz



Caption (required) ✓

Describe/highlight what's being shown

Completion of Java Quiz

Reflection (2 pts.)

^COLLAPSE ^

Task #1 - Points: 1

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

#1) What concepts/topics were totally new to you



Explanation (required)



Mention specific concepts/topics

PREVIEW RESPONSE

Concepts that were new to me were RegEx and Inner Classes as I haven't really went over them too much so it was good to know what they are now.

#2) What concepts/topics were you familiar with



Explanation (required)



Mention specific concepts/topics

PREVIEW RESPONSE

Concepts I am familiar with are Polymorphism and Exceptions as I had previously done a lot of examples in a previous Java class. I also briefly touched up on abstraction and arraylists so they are fresh in my mind.

#3) What topics do you still not understand



Explanation (required)



At least a few reasonable sentences

PREVIEW RESPONSE

I feel I am confident overall with majority of the concepts because I have been doing coding problems in my own time to reinforce my skills but it is good to refresh my mind on certain topics just in case.

End of Assignment