

# Submission Worksheet

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<https://learn.ethereallab.app/assignment/IT114-002-S2024/it114-java-refresh-readings-part-2/grade/ob75>

IT114-002-S2024 - [IT114] Java Refresh Readings Part 2

## Submissions:

Submission Selection

1 Submission [active] 2/18/2024 8:38:44 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

Tasks: 5 Points: 10.00



## Learn Java Tutorial Part 2 (8 pts.)

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### 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

Java lessons 5. Strings completed.



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### 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

Java lessons 10. Methods completed.

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

## ○ 11. Classes

IN PROGRESS

8 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 11.7 - 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 11.19 - 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

Java lessons 11. Classes completed. Skipped ones that were not necessary right now.



^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

Java lessons 12. File Handling completed.

Reflection (2 pts)

## 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:

File Handling as a whole was definitely the most new to me as I never knew about methods or ways to create files before reading here. Im still not confident in file handling due to it being so new to me but will eventually get it down. Some topic I already knew about were Strings and Methods, as they are a staple in java and I see the all the time in code. In the methods topic however, I am still a little less confident about recursion since it's not used as much.

End of Assignment