

# Submission Worksheet

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IT114-450-M2024 - [IT114] Module 4 Java Readings Part 3

## Submissions:

Submission Selection

1 Submission [active] 6/12/2024 3:55:21 PM

## 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

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Branch name: M4-Java-Readings

Tasks: 2 Points: 10.00

Learn Java Tutorial Part 3 (8 pts.)

^COLLAPSE ^

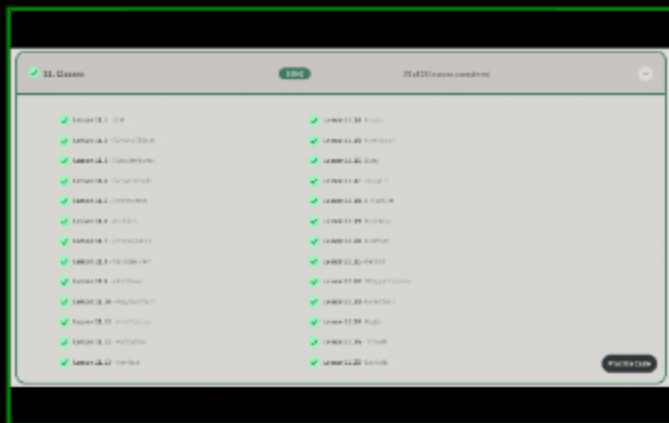
Task #1 - Points: 1

Text: Read the following sections

**i** Details:

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

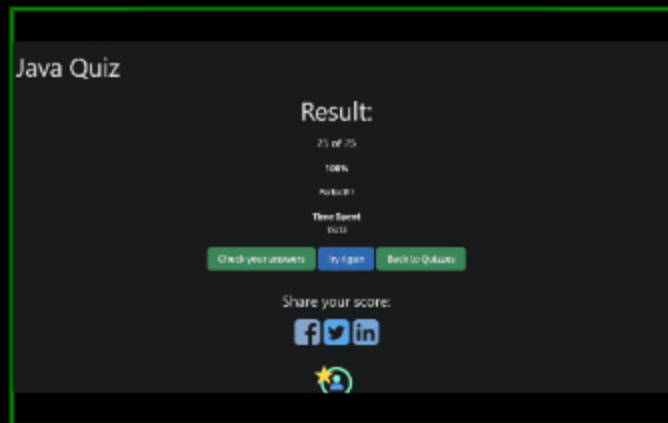
#1) Classes Lessons 11.7 - 11.14, 11.16 - 11.20, 11.22 - 11.26



Caption (required) ✓

Describe/highlight what's being shown  
Completion of Lesson 11

#2) Java Quiz with at least 65%



Caption (required) ✓

Describe/highlight what's being shown  
Completion of Java Quiz (100%)

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

The toopic of polymorphism was completely new to me. While the topic was new, I was able to grasp the concept fairly quickly. Understanding parent/child nodes from previous topics contributes to my understanding of polymorphism. Being able to differentiate between subclass and superclass was fairly easy.

#2) What concepts/topics were you already familiar



**Explanation (required)** ✓

*Mention specific concepts/topics*

PREVIEW RESPONSE

Some topics I was already familiar with was inheritance. I was introduced to classes and their extension to other classes before. W3Schools uses great example such as Mustangs being subclasses of the superclass Ford. It is another situation of understanding simple parent/child nodes.

#3) What topics do you still not feel confident about? If confident



**Explanation (required)** ✓

*At least a few reasonable sentences*

PREVIEW RESPONSE

One topic I'm still not yet confident on is Abstraction. Understanding which parts are left out and what to focus on can sometimes be confusing when you're dealing with larger and more complex sets of code. The examples illustrate great points of understanding what it does but I find it difficult to implement it in complex code.

End of Assignment