Submission Worksheet

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IT114-450-M2024 - [IT114] Module 3 Java Refresh Readings Part 2

Submissions:

Submission Selection

1 Submission [active] 6/7/2024 8:21:52 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. Strings Lessons 5.1 - 5.4
    2. Methods Lessons 10.1-10.5
    3. Classes Lessons 11.1 - 11.6, 11.15, 11.21
    4. File Handling Lessons 12.1 - 12.4

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 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 (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)

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: M3-Java-Readings

Tasks: 2 Points: 10.00

Learn Java Tutorial Part 2 (8 pts.)

COLLAPSE

COLLAPSE

Task #1 - Points: 1

Text: Read the following sections

#1) Strings Lessons 5.1 - 5.4

Caption (required) ✓
Describe/highlight what's being shown
Completion of lessons 5.1 - 5.4

#2) Methods Lessons 10.1-10.5

Caption (required) ✓
Describe/highlight what's being shown
Completion of lessons 10.1 - 10.5

#3) Classes Lessons 11.1 - 11.6

Caption (required) ✓
Describe/highlight what's being shown
Completion of lesson 11 (I ended up doing all of them)

#4) File Handling Lessons

Caption (required) ✓
Describe/highlight what's being shown
Completion of lessons 12.1 - 12.4

Reflection (2 pts.)

COLLAPSE

COLLAPSE

Task #1 - Points: 1

Text: Reflect on the following topics

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

Explanation (required) ✓

#2) What concepts/topics were you already familiar

Explanation (required) ✓

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

Explanation (required) ✓

Mention specific concepts/topics

PREVIEW RESPONSE

One concept that was not necessarily new but took me some time to grasp was method overloading. In Python, the parameters don't necessarily have to have an identified data type. However, Java is very specific. If incorrect value types are given to the parameter, the function call will fail.

Mention specific concepts/topics

PREVIEW RESPONSE

One concept that I was already familiar with was setting parameters when making a call to a function. Just like in Python, in Java, you would set the parameter value in the same line that you call the function. Then, the output would be given dependent on if the value fits the criteria of the function parameters.

At least a few reasonable sentences.

PREVIEW RESPONSE

One topic I don't feel the most confident in is recursion. I understand that the benefit of recursion is to break down code into simpler versions of itself by the method calling itself. However, the structure of creating a recursion gives me some difficulties.

End of Assignment