Submission Worksheet

CLICK TO GRADE

https://learn.ethereallab.app/assignment/IT114-450-M2024/it114-module-2-java-problems/grade/arc73

IT114-450-M2024 - [IT114] Module 2 Java Problems

Submissions:

Submission Selection

1 Submission [active] 6/3/2024 4:01:58 AM

Instructions

COLLAPSE

Overview Video: https://youtu.be/4M8Di5jrcZQ

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. Grab the template code from https://gist.github.com/MattToegel/fdd2b37fa79a06ace9dd259ac82728b6.
4. Create individual Java files for each problem and save the files inside a subfolder of your choice.
    1. They should end with the file extension in lowercase `.java`.
5. Move the unedited template files to GitHub.
    1. `git add .`
    2. `git commit -m "adding template files"`
    3. `git push origin branch_name` (see below).
    4. Create and open a pull request from the homework branch to main (leave it open until later steps).
6. Note: As you work, it's recommended to add/commit at least after each solution is done (i.e., 3+ times in this case).
    1. Make sure the files are saved before doing this.
7. Fill in the items in the worksheet below (save as often as necessary).
8. Once finished, export the worksheet.
9. Add the output file to any location of your choice in your repository folder (i.e., a `Module2` folder).
10. Check that git sees it via `git status`.
11. If everything is good, continue to submit.

1. Track the file(s) via `git add`.
2. Commit the changes via `git commit` (don't forget the commit message).
3. Push the changes to GitHub via `git push` (don't forget to refer to the proper branch).
4. Create a pull request from the homework related branch to main (i.e., main <- "homework branch").
5. Open and complete the merge of the pull request (it should turn purple).
6. Locally checkout main and pull the latest changes (to prepare for future work).

12. Take the same output file and upload it to Canvas.

Branch name: M2-Java-Problems

Tasks: 6 Points: 10.00

Problem 1 (3 pts.)

^COLLAPSE^

^COLLAPSE^

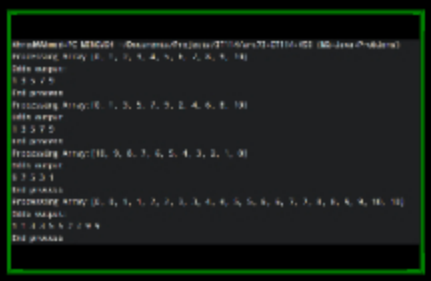
Task #1 - Points: 1

Text: Screenshot of the Problem 1 Solved Code and Output

Details:
Only make edits where the template code mentions.

Solution should ensure that any passed in array will have only the odd values output.
Requires at least 2 screenshots (code + output from terminal)

#1) Screenshot the output of the solved problem



Caption (required) ✓
Describe/highlight what's being shown
Output of solution for problem #1

#2) Screenshot the code solution (ucid/date must be

Caption (required) ✓
Describe/highlight what's being shown
Solution code for problem 1

Explanation (required) ✓
Explain in concise steps how this logically works

PREVIEW RESPONSE

The first lines loops through the array by each index, then tests the condition of whether it is odd or not by using the math operator modulus 2. If the outcome is 0, then the result is ignored, if it is not equal to 0, then it is odd and the result is outputted.

Problem 2 (3 pts.)

COLLAPSE

COLLAPSE

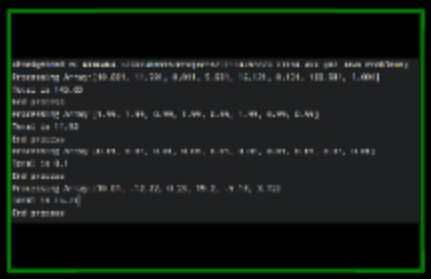
Task #1 - Points: 1

Text: Screenshot of the Problem 2 Solved Code and Output

Details:
Only make edits where the template code mentions.

Solution should ensure that any passed in array will have its values summed AND the final result converted to two decimal places (i.e., 0.10, 1.00, 1.01).
Requires at least 2 screenshots (code + output from terminal)

#1) Screenshot the output of the solved problem



Caption (required) ✓
Describe/highlight what's being shown
Output of the solution for problem 2

#2) Screenshot the code solution (ucid/date must be

Caption (required) ✓
Describe/highlight what's being shown
Solution code for problem 2

Explanation (required) ✓
Explain in concise steps how this

logically works

PREVIEW RESPONSE

First, the code iterates through the array and adds the value at each index together and adds them to the variable labeled as "total". Then, the output for total displays 2 decimal places and is then converted to a string.

Problem 3 (3 pts.)

COLLAPSE

COLLAPSE

Task #1 - Points: 1

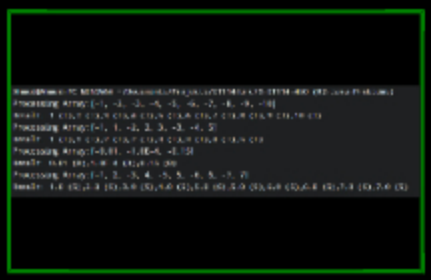
Text: Screenshot of the Problem 2 Solved Code and Output

Details:

Only make edits where the template code mentions.

Solution should ensure that any passed in array will have its values converted to a positive version of the value AND converted back to the original data type.
Requires at least 2 screenshots (code + output from terminal)

#1) Screenshot the output of the solved problem



Caption (required) ✓

Describe/highlight what's being shown

Output of the solution for problem 3

#2) Screenshot the code solution (ucid/date must be

Caption (required) ✓

Describe/highlight what's being shown

Solution code for problem 3

Explanation (required) ✓

Explain in concise steps how this logically works

PREVIEW RESPONSE

The code iterates through the

value at each index of the array, it checks if it is a numeric type of integer or double. If an index is negative, it is converted to positive using a math method (Math.abs), otherwise, the value stays as is.

Reflection (1 pt.)

COLLAPSE

COLLAPSE

Task #1 - Points: 1

Text: Reflect on your experience

Details:
Talk about any issues you had, how you resolved them, and anything you learned during this process.

Provide concrete details/examples. At least a few sentences.

Response:

I had no issues relating to pushing my changes onto Github or creating the pull request. Some issues I did have were minor syntax errors that prevented my code from running. For instance, missing semi-colons, quotation marks, or other characters. However, the debugger was quick to pick this up and resolve the issue.

COLLAPSE

Task #2 - Points: 1

Text: Include the pull request link for this branch

Details:
The correct link will end with /pull/ and a number.

URL #1
https://github.com/AhmedCho/arc73-IT114-450/pull/4

COLLAPSE

Task #3 - Points: 1

Text: Add Screenshot of Wakatime

Details:

Details:

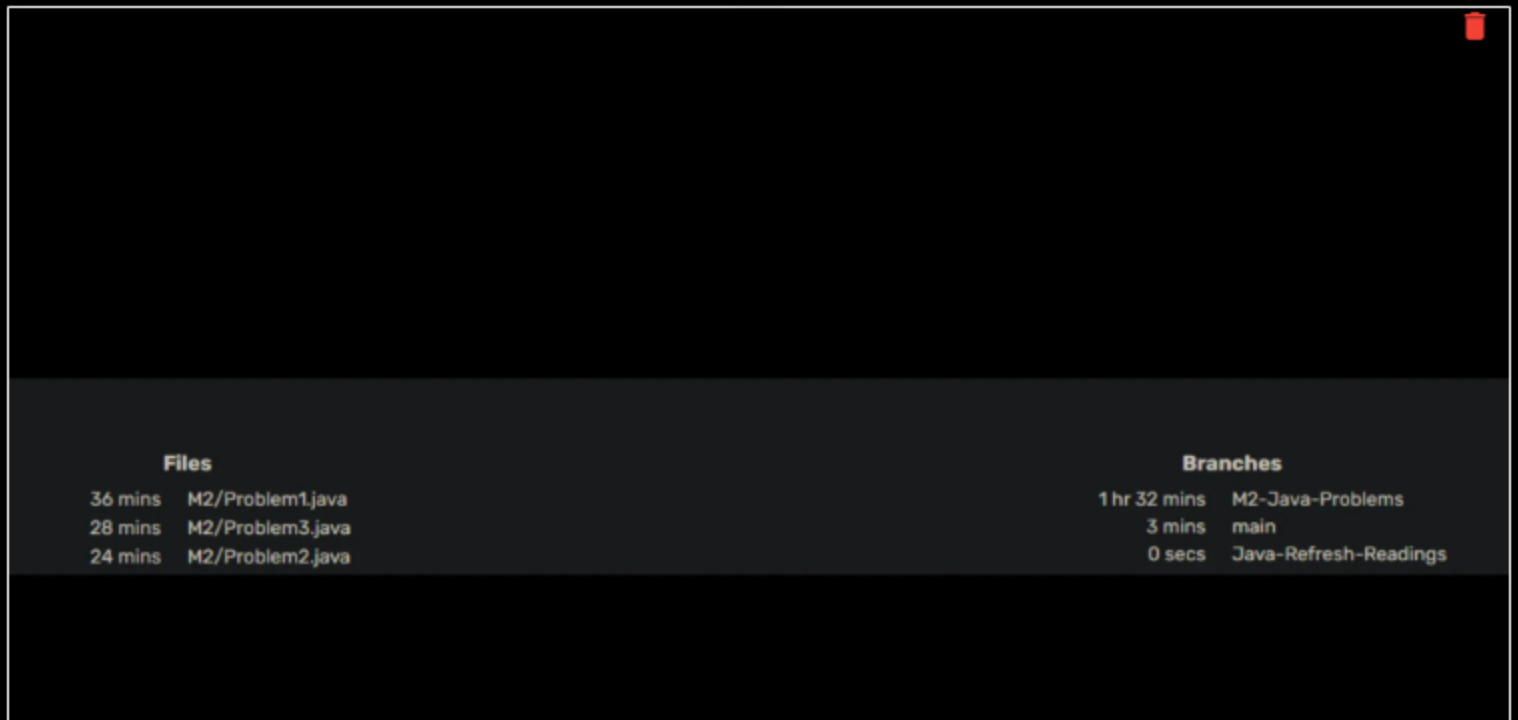
Note: The duration of time isn't directly related to the grade, the goal is to just make sure time is being tracked

Task Screenshots:

Gallery Style: Large View

Small Medium Large

Wakatime - Projects



Time spent on each question

End of Assignment