

# Submission Worksheet

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<https://learn.ethereallab.app/assignment/IT114-003-F2024/it114-module-2-java-problems/grade/cae6>

Course: IT114-003-F2024

Assignment: [IT114] Module 2 Java Problems

Student: Chizorom E. (cae6)

## Submissions:

Submission Selection

1 Submission [submitted] 9/23/2024 10:31:52 PM

## 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. Create a folder in your local repo called `Module2`
4. Grab the template code from <https://gist.github.com/MattToegel/fdd2b37fa79a06ace9dd259ac82728b6>.
5. Create individual Java files for each problem and save the files inside the `Module2` folder.
  1. They should end with the file extension in lowercase `.java`.
6. 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).
7. 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.
  2. A file is unsaved if you see a white dot in the tab where the filename shows in VS Code
8. Fill in the items in the worksheet below (save as often as necessary).
9. Once finished, export the worksheet.
10. Add the output file to any location of your choice in your repository folder (i.e., a `Module2` folder).
11. Check that git sees it via `git status`.

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

Branch name: M2-Java-Problems

#### Group

100%

Group: Problem 1

Tasks: 1

Points: 3

^ COLLAPSE ^

#### Task

100%

Group: Problem 1

Task #1: Screenshot of the Problem 1 Solved Code and Output

Weight: ~100%

Points: ~3.00

^ COLLAPSE ^

#### 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)



Columns: 1

#### Sub-Task

100%

Group: Problem 1

Task #1: Screenshot of the Problem 1 Solved Code and Output

Sub Task #1: Screenshot the output of the solved problem

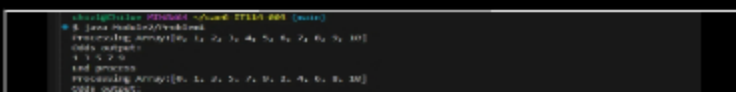
## Task Screenshots

Gallery Style: 2 Columns

4

2

1



100%

^ COLLAPSE ^

### Task



Group: Problem 2

Task #1: Screenshot of the Problem 2 Solved Code and Output

Weight: ~100%

Points: ~3.00

^ COLLAPSE ^

### 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).



Columns: 1

### Sub-Task



Group: Problem 2

Task #1: Screenshot of the Problem 2 Solved Code and Output

Sub Task #1: Screenshot the output of the solved problem

## Task Screenshots

Gallery Style: 2 Columns

4 2 1

```
chris@chilluv MINECRAFT ~/cave-11114-001 (main)
$ java module2/problem2.java

chris@chilluv MINECRAFT ~/cave-11114-001 (main)
$ java module2/problem2
Processing Array:[10.000, 11.500, 0.001, 5.000, 16.121, 0.151, 100.000, 1.000]
Total is 145.83
End process
Processing Array:[1.00, 1.00, 0.00, 1.00, 0.00, 1.00, 0.00, 0.00]
Total is 31.92
End process
Processing Array:[0.01, 0.01, 0.01, 0.01, 0.01, 0.01, 0.01, 0.01, 0.01, 0.01]
Total is .10
End process

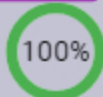
chris@chilluv MINECRAFT ~/cave-11114-001 (main)
$
```

Solved Code and Output

Caption(s) (required) ✓

Caption Hint: Describe/highlight what's being shown

### Sub-Task



Group: Problem 2

Task #1: Screenshot of the Problem 2 Solved Code and Output

Sub Task #2: Screenshot the code solution (ucid/date must be included as a comment)

## Task Screenshots

Gallery Style: 2 Columns

4 2 1

```
ucid: and generated using: [ ]
System.out.println("Processing Array: " + array.toString());
return result;
```

Group: Problem 3

Task #1: Screenshot of the Problem 3 Solved Code and Output  
Sub Task #1: Screenshot the output of the solved problem

### Gallery Style: 2 Columns

1

## Output of the solved problem

**Caption Hint:** *Describe/highlight what's being shown*

Group: Problem 3

Task #1: Screenshot of the Problem 3 Solved Code and Output

Sub Task #2: Screenshot the code solution (ucid/date must be included as a comment)

### Gallery Style: 2 Columns

1

[illegible]

## Code Solution

**Caption Hint:** *Describe/highlight what's being shown*

***Explain in concise steps how this logically works***

**Response:**

Using a for loop that loops through the array, I created if/else if statements. The first statement checks if the element is an integer and if it is, it'll be converted into a positive number. The else if checks to see if the element in the array is a double and if it is, it converts it to a positive. For the else statement, it checks to see if it's a string, and if it is a string, it's converted to an integer, then a positive number, and then back into a String.

End of Task 1

End of Group: Problem 3

Task Status: 1/1

Group



Group: Reflection

Tasks: 3

Points: 1

^ COLLAPSE ^

Task



Group: Reflection

Task #1: Reflect on your experience

Weight: ~33%

Points: ~0.33

^ COLLAPSE ^

**i** 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.



## ≡ Task Response Prompt

Response:

I didn't have many issues with this assignment, if I did they were typos here and there.

End of Task 1

Task



Group: Reflection

Task #2: Include the pull request link for this branch

Weight: ~33%

Points: ~0.33

^ COLLAPSE ^

**i** Details:

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





## Task URLs

URL #1

<https://github.com/Cae6/cae6-IT114-003/pull/4>

URL

<https://github.com/Cae6/cae6-IT114-003/pull/4>

End of Task 2

Task



Group: Reflection

Task #3: Add Screenshot of Wakatime

Weight: ~33%

Points: ~0.33

^ COLLAPSE ^

**i** 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: 2 Columns

4 2 1



WakaTime

End of Task 3

End of Group: Reflection

Task Status: 3/3

End of Assignment