Submission Worksheet

Submission Data

Course: IT114-450-M2025

Assignment: IT114 Java Problems

Student: Fariha K. (fk222)

Status: Submitted | **Worksheet Progress:** 100%

Potential Grade: 10.00/10.00 (100.00%)

Received Grade: 0.00/10.00 (0.00%)

Started: 6/17/2025 12:51:54 AM

Updated: 6/17/2025 12:51:54 AM

Grading Link: https://learn.ethereallab.app/assignment/v3/IT114-450-M2025/it114-java-problems/grading/fk222

View Link: https://learn.ethereallab.app/assignment/v3/IT114-450-M2025/it114-java-problems/view/fk222

Instructions

- Overview Link: https://youtu.be/Mrahk6SFYao

1. Ensure you read all instructions and objectives before starting.
2. Create a new branch from `main` called `M2-Homework`
   1. `git checkout main` (ensure proper starting branch)
   2. `git pull origin main` (ensure history is up to date)
   3. `git checkout -b M2-Homework` (create and switch to branch)
3. Copy the template code from here: GitHub Repository - M2 Homework
   - It includes Problems 1-4 and a BaseClass. Put all into an `M2` folder or similar (adjust `package` reference at the top if you chose a different folder name).
   - Immediately record to history
     - `git add .`
     - `git commit -m "adding M2 HW baseline files"`
     - `git push origin M2-Homework`
     - Create a Pull Request from `M2-Homework` to `main` and keep it open
4. Fill out the below worksheet
   - Each Problem requires the following as you work
     - Ensure there's a comment with your UCID, date, and brief summary of how the problem was solved
     - Initial outline/plan of how you'll solve it via comments (add/commit after this stage)
     - Code solution (add/commit periodically as needed)
5. Once finished, click "Submit and Export"
6. Locally add the generated PDF to a folder of your choosing inside your repository folder and move it to Github
   1. `git add .`
   2. `git commit -m "adding PDF"`
   3. `git push origin M2-Homework`
   4. On Github merge the pull request from `M2-Homework` to `main`
7. Upload the same PDF to Canvas
8. Sync Local
   1. `git checkout main`

```
2. git pull origin main
```

Section #1: (2 pts.) Problem 1 - Odds

Progress: 100%

--- Section Collapsed ---

Section #2: (2 pts.) Problem 2 - Sum

Progress: 100%

--- Section Collapsed ---

Section #3: (2 pts.) Problem 3 - Conversion

Progress: 100%

--- Section Collapsed ---

Section #4: (2 pts.) Problem 4 - Strings

Progress: 50%

☰ Task #1 (2 pts.) - Edit the `transformText` method to solve the challenges

Progress: 100%

--- Task Collapsed ---

☰ Task #2 (+ 1.11 pts.) - Edit the `transformText` method to solve the extra credit challenge (challenge 4)

Progress: 0%

Details:

- Only make edits where noted via provided comments
- Challenge 4: Extract middle 3 characters (beginning starts at middle of phrase)
- Assign result to 'placeholderForMiddleCharacters'
- If not enough characters assign "Not enough characters"
- Step 1: sketch out plan using comments (include ucid and date)
- Step 2: Add/commit your outline of comments (required for full credit)
- Step 3: Add code to solve the problem (add/commit as needed)

🖼 Part 1:

Progress: 0%

Details:

Two screenshots are expected

1. Snippet of relevant code showing solution (with ucid/date comment)
2. Full output of executing the program

Missing Caption

≡ Part 2:

Progress: 0%

Details:
Briefly explain `how` the code solves the extra credit challenge (note: this isn't the same as `what` the code does)

Your Response:

Missing Response

Section #5: (2 pts.) Misc

Progress: 100%

≡ Task #1 (0.67 pts.) - Github Details

Progress: 100%

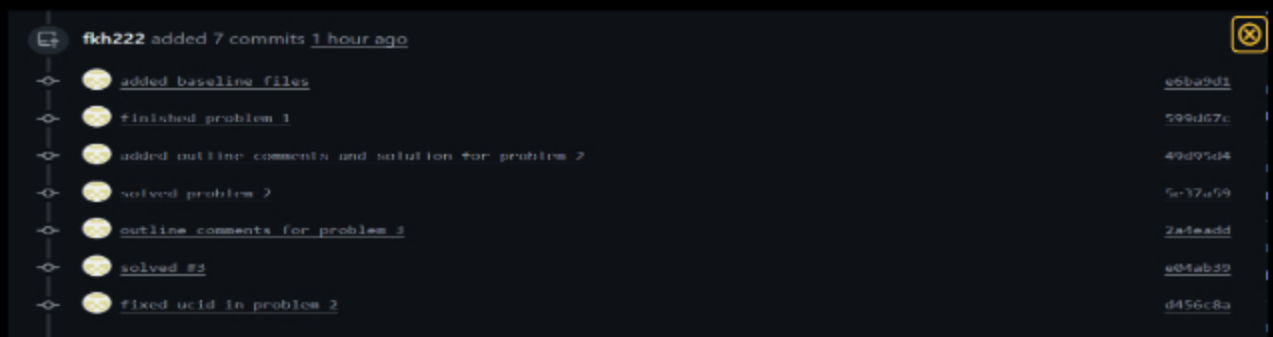### 🖼 Part 1:

Progress: 100%

Details:
From the Commits tab of the Pull Request screenshot the commit history Following minimum should be present

commit history

🔗 Part 2:

Details:

Include the link to the Pull Request (should end in `/pull/#`)

URL #1	👍	URL
https://github.com/fkh222/fk222-IT114-450/		https://github.com/fkh222/fk222-

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🖼️ Task #2 (0.67 pts.) - WakaTime - Activity

Details:

- Visit the WakaTime.com Dashboard
- Click `Projects` and find your repository
- Capture the overall time at the top that includes the repository name
- Capture the individual time at the bottom that includes the file time
- Note: The duration isn't relevant for the grade and the visual graphs aren't necessary

Projects • fk222-IT114-450

1 hr 33 mins over the Last 7 Days in fk222-IT114-450 under all branches. ☁️

1.4

wakatime overall time

Files		Branches	
30 mins	module2/Problem3.java	1 hr 22 mins	M2-Homework
27 mins	module2/Problem1.java	10 mins	main
18 mins	module2/Problem2.java		
9 mins	module2/Hello.java		
3 mins	module2/Problem4.java		
3 mins	module2/BaseClass.java		
1 min	.gitignore		

wakatime file name

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☰ Task #3 (0.67 pts.) - Reflection

≡ Task #1 (0.33 pts.) - What did you learn?

Progress: 100%

Details:

Briefly answer the question (at least a few decent sentences)

Your Response:

I had a nice review from CS113 (when I used to be a compsci major). This module helped me relearn the basics of Java. I also learned more about converting data types.

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≡ Task #2 (0.33 pts.) - What was the easiest part of the assignment?

Progress: 100%

Details:

Briefly answer the question (at least a few decent sentences)

Your Response:

Problem 1 was the easiest, very basic.

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≡ Task #3 (0.33 pts.) - What was the hardest part of the assignment?

Progress: 100%

Details:

Briefly answer the question (at least a few decent sentences)

Your Response:

Problem 3 with converting string number values into positive and turning them back into strings was tricky.

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