

Software Quality and Testing Computer Lab 3

Programming Assignment

In this assignment you will implement a verifier for Sudoku game. The task description and the link to Github repository is available on [SQAT Lab web page](#).

Instructions:

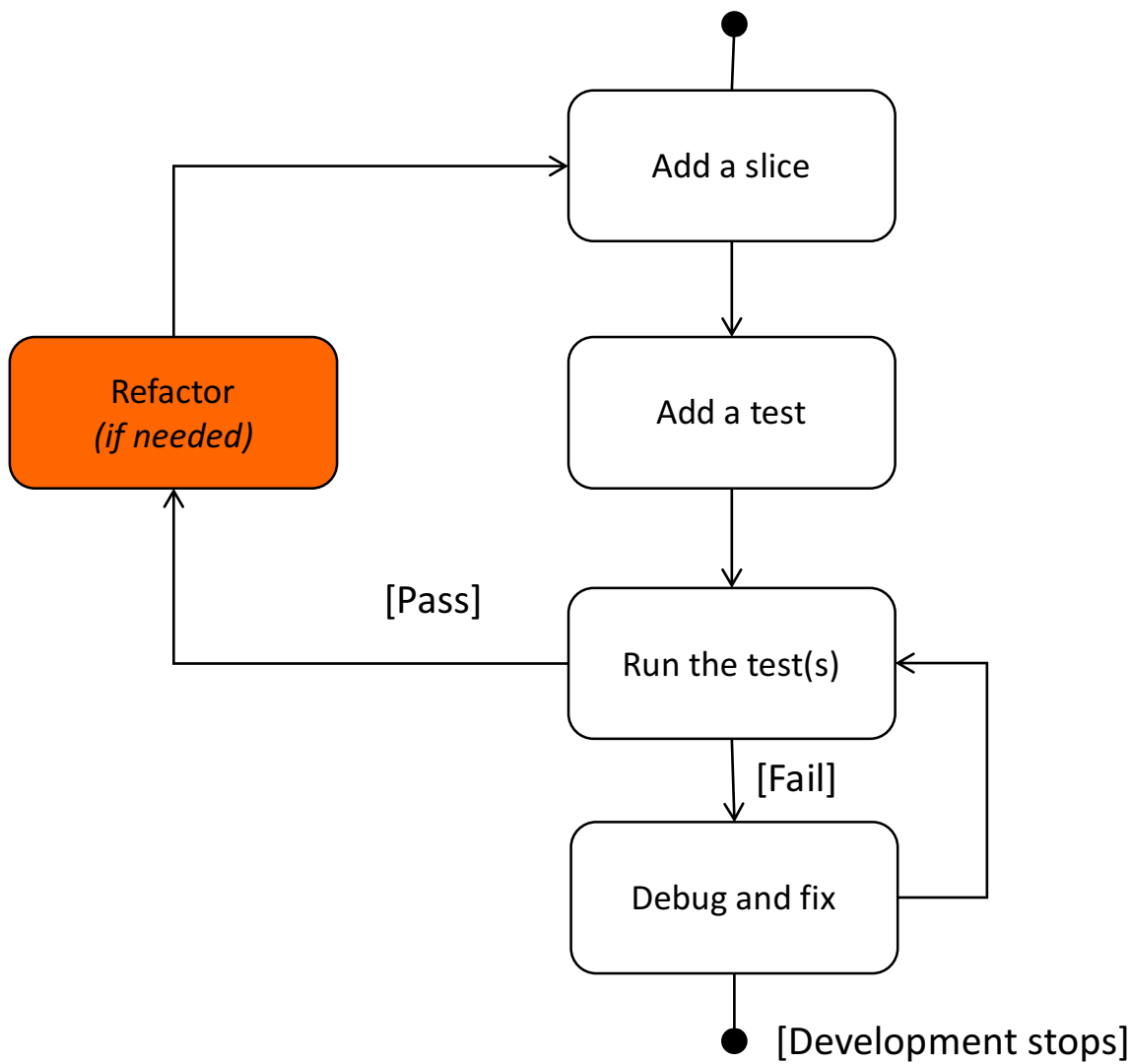
Follow these instructions carefully step by step.

Get the assignment files:

- ✓ Locate the repository: Go to <https://github.com/SQATLab2016/SudokuVerifier>
- ✓ Create a fork of this repository
- ✓ Import into Eclipse
 - In Eclipse: Select File > Import
 - In Import Window: Select Git > Projects from Git
 - In Import Projects from Git Window: Select Clone URI
 - In the next window:
 - URI: paste the URL for your repository The URL of your repo is available at your repository's web page on Github under HTTPS clone URL on the right-hand side of the page. Link should be [https://github.com/\[YourGithubaccountName\]/SudokuVerifier.git](https://github.com/[YourGithubaccountName]/SudokuVerifier.git)
 - In the Branch Selection window select master branch
 - Proceed with the default options
 - Open SudokuVerifier.java file

Open Besouro Plugin:

- ✓ In Eclipse: Select Window > Show View > Other
- ✓ In Show View Dialog: Select Other > episodeView
- ✓ In episodeView Window: Click green play button to start recording



Implementation

- ✓ Implement the task according to the requirements described in task description following **Iterative Test-last Development** methodology.
 - Focus on slicing the requirements into small user-stories and implement a user-story in each cycle.
 - Write unit tests immediately after you complete a user-story

Submit your work

- ✓ In episodeView window> Click red stop button to stop recording
- ✓ Commit and Push:
 - In Eclipse: Right-click project in the package explorer. Then Select **Team > Commit**
 - Write "Project Finished" in commit message textbox
 - In Commit Changes window click **Commit and Push**

- On your Github repository page check the status to verify that it is up to date with your local copy
- On your Github repository page check last commit message is “assignment finished”
- ✓ Create Pull Request
 - On your Github repository page create a pull request
 - Click New Pull Request button located above the listing of repository files

NOTE:

If you encounter an error “There are no staged files” during commit, select all the files in *Unstaged changes* area and move them to *Staged area* in commit window.

You can disable staging view:

- Open Window > Preferences
- In preferences window open Team>Git>Committing
- Uncheck “Use staging view ...”