

FIT2107

Week 10 Workshop

Code Reviews

Objective

In today's workshop, we will practice:

- creating checklists for code reviews.
- reading and discussing code written by somebody else
- Identifying the defects in the code and documenting them.

Code review is careful, systematic study of source code by people who are not the original author of the code. It's analogous to proofreading a term paper.

Part A - Checklist Creation (20 minutes)

Please attempt part 'A' of the question before you come to the workshop!

Create a quick checklist item for a code review you will perform for a JavaScript code. The lecture slides and reading resources will help you creating it. The facilitator may guide you as well. For reference, you can consider items such as class names, parameters etc.

Part B - Conducting Code Review (40 minutes)

Based on your checklist, perform a code review on the JavaScript code provided on the Moodle. Your facilitator will share the password for the file once the checklist is ready.

Part C - Documenting Defects (20 minutes)

Document the defects identified during Part B and discuss with the facilitator.

Part D - Wrap up (20 minutes)

Briefly describe how did you run the code review process and what you achieved through this process in the Part B. Write a brief reflection.

NOTE: The facilitators may ask you to demonstrate your code and tests for Assignment 2 in the breakout rooms. The whole process will not take more than 5 minutes. Keep your code and tests ready before the workshop begins to save the time.