



Cairo University
Faculty of Computers
and Artificial Intelligence



Object Oriented Programming

Assignment 3 Report

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Code review checklist for Ephraim (Game 1):

Code Structure and Readability:

He uses clean code instructions well ,good Variable and Function Names and did not duplicate the code .

Coding Standards:

He handled all the expected errors correctly .

Documentation:

As I mentioned we all have a shortage at the commencement, so he uses no comments.

Testing:

I tested his game, and it was good, but I don't find the game's idea creative.

Security:

He did the most perfect check of the Input Validation of us. and had been aware about all the players' s possible input mistakes .

Performance:

His game's performance was good and took no time to work like an eye blink .

Collaboration and Communication:

He is the best team mate to work ever with a lot of positive Feedback. Moreover, he reminds us about all the assignments deadlines.

Miscellaneous:

The file and folder were organized perfectly.

Reviewer's Summary:

In shortage , it was useful to look at his work and his algorithms helped me a lot as we have a percentage of similarity at our game's logic .

Code review checklist for Ramez (Game 2):

Code Structure and Readability:

He is almost using clean code instructions with meaningful function's names in addition to avoidance of code duplication despite the variable's names .

Coding Standards:

he had been aware of the error handling.

Documentation:

We all have a shortage at the commencement and Function/Method Documentation

Testing:

I tested his game and did not find any mistake or a problem in it .

Security:

He checks the Input Validation efficiently . and kept in his mind all the user's possible mistakes.

Performance:

He did the optimal and the most perfect implementation by separating the most difficult function `is_winner` into small problems like the divide and conquer algorithm.

Collaboration and Communication:

He was so supportive with a lot of useful Feedback and responsiveness. Moreover, he provided me with code recommendation discussion.

Miscellaneous:

The file and folder were organized perfectly without any unused code.

Reviewer's Summary:

In shortage , it was a nice experience to review his code and I learned a lot from his skills and creativity .