



جامعة القاهرة

Cairo University
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Object Oriented Programming

Assignment 3

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Pyramid-tic-tac-toe game

Code Structure and Readability:

1. Logical Flow:

- I. The logical flow of the class methods follows the typical sequence of a Tic-Tac-Toe game.

2. Meaningful Variable and Function Names:

- I. Function names such as `update_board`, `display_board`, `is_winner`, `is_draw`, and `game_is_over` are descriptive, enhancing code readability.

3. Modular Design:

- I. The class is well-organized into functions, each serving a specific purpose.
- II. Modular design facilitates code maintenance and understanding.

Documentation:

4. Comments & Function/Method Documentation:

- I. class lacks documentation in the form of comments or function/method documentation, but it is understandable.

Testing & security:

5. I tested the code and it runs well and handled for all corner cases and unexpected output.

Reviewer's Summary:

6. The class exhibits a well-structured and readable implementation of a pyramid-shaped Tic-Tac-Toe game. To enhance the code's documentation and facilitate better collaboration, the addition of comments or function/method documentation is recommended. Overall, the code provides a solid foundation for a unique game implementation.

5x5-tic-tac-toe game

Code Structure and Readability:

1. Logical Flow:

- II. The logical flow of the class methods follows the typical sequence of a Tic-Tac-Toe game.

2. Meaningful Variable and Function Names:

- II. Function names such as `update_board`, `display_board`, `is_winner`, `is_draw`, and `game_is_over` are descriptive, enhancing code readability.

3. Modular Design:

- III. The class is well-organized into functions, each serving a specific purpose.
- IV. Modular design facilitates code maintenance and understanding.

Documentation:

4. Comments & Function/Method Documentation:

- I. Comments, functions & methods are enough and well written and understandable.

Testing & security:

5. I tested the code and it runs well and handled for all corner cases and unexpected output.

Reviewer's Summary:

6. The class exhibits a well-structured and readable implementation of a Tic-Tac-Toe game. To enhance the code's documentation and facilitate better collaboration, the addition of comments or function/method documentation is recommended. Overall, the code provides a solid foundation for a unique game implementation