



Project :

Tic Tac Toe Game

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Tic Tac Toe Game

Introduction

This is a simple console-based implementation of the classic Tic Tac Toe (XOXO) game in Python. The game allows a player to play against the computer on a 3x3 board.

Features

- **Player vs Computer:** Play a game of Tic Tac Toe against a basic computer opponent.
- **Dynamic Board:** The game board dynamically adjusts to player and computer moves.
- **Winning and Tie Conditions:** The game checks for a winner and declares a tie if the board is full.
- **Randomized Computer Moves:** The computer opponent makes random moves. You can enhance the AI logic for a more challenging opponent.

How to Run

1. Ensure you have Python installed on your system.
2. Clone or download the repository to your local machine.
3. Open a terminal or command prompt in the project directory.
4. Run the command: `python tic_tac_toe.py`

How to Play

1. You will be prompted to enter the row and column for your move (0, 1, or 2).
2. The game alternates between your moves (X) and the computer's moves (O).
3. The game ends when a player wins or when the board is full, resulting in a tie.

Example

Welcome to Tic Tac Toe!

| | |

| | |

| | |

Enter row (0, 1, or 2): 1

Enter column (0, 1, or 2): 1

| | |

| X |

| | |

Computer's move:

| |

| X |

| | O