Tetris

Tetris is a puzzle game where the goal is to create solid lines from falling randomly generated tetrominoes in order to score points. As more lines are cleared the game gets faster and more points are earned.

System Requirements

- **Operating System**: Windows 10 or newer
- **Processor**: 1.5 GHz or higher
- **Memory**: 2 GB RAM
- **Graphics**: DirectX 10 compatible
- **Storage**: 50 MB available space

How to open the game

Visit the GitHub repository link: [https://github.com/homo-weirdus/TetrisGame/releases].
Download the latest ZIP file.
Once the download is complete, extract the contents of the ZIP file to a folder of your choice on your computer.
Open the extracted folder and locate the executable file (e.g., TetrisGame.exe).
Double-click the executable to start playing the game!

Controls

A/left: move tetromino left
D/right: move tetromino right
S/down: soft drop the tetromino increasing its gravity while held.
X: rotate tetromino clockwise
Z: rotate tetromino counterclockwise
C: hold current tetromino
Space: hard drop. Instantly locks the current tetromino to the bottom of the board.
Escape: open and close the pause menu

Gameplay Features

Rotation

This game uses the Super Rotation System (SRS). in SRS each rotation has 5 points that it is rotated around and it will use the first rotation that works. The purpose of this is so that the player can consistently move the tetromino where they want to put it.

Gravity

Gravity starts at 1 second per tick. Each level makes it speed up exponentially making the game much more hectic.

Holding

When holding the active tetromino will be put in hold and then the next tetromino will come. After holding once, future holds swap the held tetromino and the active tetromino.

T-Spins

T-spins are a mechanic where by rotating a T tetromino into a hard to reach space you are awarded extra points.

Score

Score is primarily obtained through clearing lines. More lines cleared at once, and T-spins award more points per line. The amount of points earned is multiplied by the current level so later on more points will be earned

Levels

Every 10 lines the level increases by 1. After level 15, the game no longer increases level.

Tips and Tricks

- Hard Drop Wisely: Use hard drops to save time, but be sure of your placement!
- Plan Ahead: Keep an eye on the next piece queue to strategize your moves.
- Master T-Spins: Practice T-Spins for higher scores and advanced plays.

FAQ

Q: Can I play this game on Mac/Linux?
A: Currently, the game is only supported on Windows.

Q: How do I reset the game?
A: Close and restart the game to begin a new session.

Q: Where can I report bugs or suggest features?
A: Submit issues or suggestions through the **Issues** tab on the GitHub repository.