Christmas puzzle game

A puzzle game based on the Christmas theme is written in Python, inspired by the game website and incorporating Sudoku, Tower of Hanoi, and Jigsaw Puzzle elements.

Source of inspiration:
http://www.4399.com/flash/222961_4.htm(http://www.4399.com/flash/222961_4.htm).

Goals and Vision

Python is the first choice for learning programming. Through such a simple game, we hope people will become interested in programming.

However, in practice, it has been found that not only does programming require a lot of practice, but also the logic of problem-solving plays an important role.

The code should become well commented and more easily configurable. It should be easy to make some simple changes and see the results quickly.

We have imported many pygame packages, such as mouse events, keyboard events, music, images, and other elements to enhance the user's experience.

How to Play
In the game's main interface, there are three houses. Each house represents a different puzzle. Select a house to start the game.
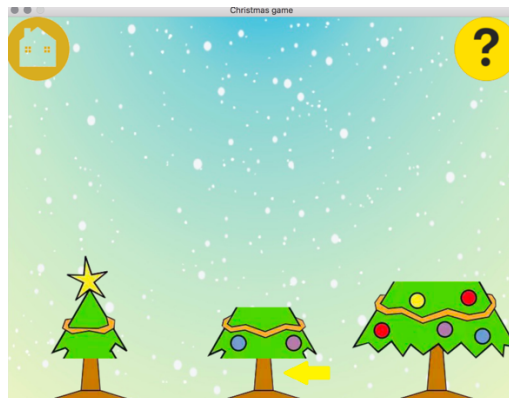

- Game 1: Sudoku game (easygui should be installed for this game.)

1. Choose the difficulty level at the beginning.
2. Click the blank to fill in the number.
3. Wrong is red, correct is white.
4. Space can return to the main interface.

● Game 2: Towel of Hanoi

1. Apply the logical theory of Towel of Hanoi to build a Christmas Tree.
2. Use Keyboard to move the tree.
3. A gift will be presented while a tree is finished
4. The game will be done while three trees are finished.

● Game 3: Jigsaw Puzzle

1. Use mouse the move small block of puzzle.
2. The game will be done while the puzzle is solved, and the picture will be as same as the original one, which at the right corner.