

Sudoku

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December 14, 2015

1 Introduction

You are required to write a program in the language Python which manages games of "Sudoku", and also presents the user with a Graphical User Interface (GUI) to play by. Each puzzle will be hard coded and loaded from a text file. There should be three levels of difficulty: easy, medium and hard. The game follows the following principle: a square may not hold a number if that number has already been used within that square's row, column or outer square.

2 Requirements

- Numbers range from 1 - 9
- The grid to play consists of 9 outer squares making up a 3x3 grid, with each outer square made up of a 3x3 grid of squares

3 Loading the Puzzle