

sudokuSolver

Due to issues with the default view, please switch to "raw" view to see this correctly, or see the pdf.

This program is set up as an Eclipse project utilizing Java SDK 1.7.

This program is a work in progress. Currently the project is only runnable with thru J-unit testing since no user interface currently exists.

Here is a sample from running the test cases:

This is in TestCases->testExpertPuzzleSolve.

Here is a puzzle needing the countless positions filled in for all of the rows.

```
1  4  8
7  6  4 9
5    1 6
4    6 5 7
1  9    2
8  5
    8  7
4
    8 9
```

The puzzle should be solved now.

```
1  4 7 8 5
7  6  2 4 9
5    1 6 3
4    6 5 7 8
1 6 5 8 9 7 4 3 2
8  5 6 9 1
    8  7
4    3  6
    8 9  4
```

This is in TestCases->testMediumPuzzleSolve.

Here is a puzzle needing the countless positions filled in for all of the rows.

```
4    7  1
8  1  2
5 1    2
    3
    6 5 3 2  4
    2  6 5
9 3 2    8
8  1 6 9  2
2 7    5 3  1
```

The puzzle should be solved now.

4 6 2 5 7 8 1 3 9
7 8 9 1 3 2 4 6 5
3 5 1 9 6 4 8 2 7
6 2 5 4 8 1 7 9 3
8 9 7 6 5 3 2 1 4
1 3 4 7 2 9 6 5 8
9 1 3 2 4 7 5 8 6
5 4 8 3 1 6 9 7 2
2 7 6 8 9 5 3 4 1