Coding 4Ward

Sudoku Solver

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{CODING 4WARD}

1.Sudoku Solver:

Sudoku.py

```
1 #-*-coding:utf8;-*-
2 import random, os, json
3
```

```
4 class Sudoku:
5 def __init__(self):
6 pass
7
```

2. HOW TO USE THE SUDOKU SOLVER?

main.py

```
1 #-*-coding:utf8;-*-
2 from Sudoku import Sudoku
3
```

```
15 sudoku = Sudoku()
17
```

```
#MEDIUM PROBLEM
medium_problem = sudoku.generateProblem("Easy")
medium_problem = sudoku.generateProblem("Medium")
medium_problem = sudoku.generateProblem("Medium")
medium_problem = sudoku.generateProblem("Medium")

#HARD PROBLEM
mad_problem = sudoku.generateProblem("Hard")
sudoku.solve(hard_problem)

#EXPERT PROBLEM
mexicon = sudoku.generateProblem("Expert")
sudoku.solve(expert_problem)

#EXPERT PROBLEM
mexicon = sudoku.generateProblem("Expert")
sudoku.solve(expert_problem)
```