	Very Hard 1	Very Hard 2	Very Hard 3	Very Hard 4	Very Hard 5	Impossible	World Champ. 1	World Champ. 2
ASP (seconds)	0.042	0.059	0.043	0.045	0.054	0.052	0.039	0.56
Human Best (seconds)	353	416	252	394	354	513	588	632
Human Best (minutes)	5:53:00	6:56:00	4:12:00	6:34:00	5:54:00	8:33:00	9:48:00	10:32:00

Classic Sudoku Performance Analysis

■ ASP (seconds) ■ Human Best (seconds)

Category	ASP	Human Best
Very Hard 1	0.042	353
Very Hard 2	0.059	416
Very Hard 3	0.043	252
Very Hard 4	0.045	394
Very Hard 5	0.054	354
Impossible	0.052	513
World Champ. 1	0.039	588
World Champ. 2	0.56	632

Time (seconds)
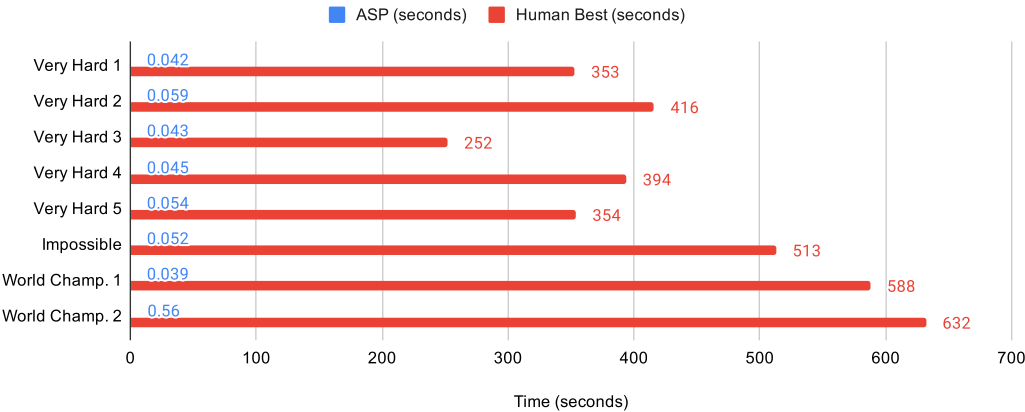
EXAMPLE OUTPUT: Impossible Difficulty, asking for 2 solutions. However, only 1 solution is possible.

```
(base) C:\Users\alega\asp>clingo classic-sudoku.lp impossible_difficulty_.lp 2
clingo version 5.5.0
Reading from classic-sudoku.lp ...
Solving...
Answer: 1
sudoku(1,1,8) sudoku(2,3,3) sudoku(3,2,7) sudoku(2,4,6) sudoku(3,5,9) sudoku(3,7,2) sudoku(4,2,5) sudoku(4,6,7) sudoku(5,5,4)
sudoku(5,6,5) sudoku(6,4,1) sudoku(5,7,7) sudoku(6,8,3) sudoku(7,3,1) sudoku(8,3,8) sudoku(9,2,9) sudoku(8,4,5) sudoku(7,8,6)
sudoku(7,9,8) sudoku(8,8,1) sudoku(9,7,4) 9 sudoku(2,2,4) sudoku(3,3,5) sudoku(1,2,1) sudoku(1,3,2) sudoku(2,1,9) sudoku(3,1,6
) sudoku(4,1,1) sudoku(5,2,6) sudoku(6,3,7) sudoku(6,2,8) sudoku(5,3,9) sudoku(5,1,3) sudoku(4,3,4) sudoku(6,1,2) sudoku(8,2,3
) sudoku(7,1,5) sudoku(9,3,6) sudoku(7,2,2) sudoku(8,1,4) sudoku(9,1,7) sudoku(3,6,1) sudoku(2,6,2) sudoku(1,4,7) sudoku(2,5,8
) sudoku(1,6,3) sudoku(1,5,5) sudoku(3,4,4) sudoku(4,4,2) sudoku(6,5,6) sudoku(6,6,9) sudoku(4,5,3) sudoku(5,4,8) sudoku(9,5,1
) sudoku(8,5,2) sudoku(8,6,6) sudoku(9,6,8) sudoku(7,4,9) sudoku(7,6,4) sudoku(7,5,7) sudoku(9,4,3) sudoku(3,9,3) sudoku(2,9,5
) sudoku(1,7,6) sudoku(2,8,7) sudoku(3,8,8) sudoku(2,7,1) sudoku(1,8,4) sudoku(1,9,9) sudoku(5,9,1) sudoku(5,8,2) sudoku(6,9,4
) sudoku(4,7,8) sudoku(4,9,6) sudoku(4,8,9) sudoku(6,7,5) sudoku(9,9,2) sudoku(7,7,3) sudoku(9,8,5) sudoku(8,9,7) sudoku(8,7,9
)
SATISFIABLE

Models      : 1
Calls       : 1
Time        : 0.052s (Solving: 0.03s 1st Model: 0.00s Unsat: 0.03s)
CPU Time    : 0.016s
```