/Library/Frameworks/Python.framework/Versions/2.7/bin/python2.7 "/Users/mac/Desktop/CSC 339 AI/SudokuSolver/SudukuSolver.py"

```
===========================[ Problem Statistics ]===========================
|                                                      |
| Number of variables:       4096                      |
| Number of clauses:         123136                    |
| Parse time:                0.07 s                    |
| Eliminated clauses:        0.01 Mb                   |
| Simplification time:       0.12 s                    |
|                                                      |
===========================[ Search Statistics ]============================
```

Conflicts	ORIGINAL			LEARNT			Progress
	Vars	Clauses	Literals	Limit	Clauses	Lit/Cl	
100	699	6915	18059	2535	99	15	78.809 %
250	699	6915	18059	2789	249	17	78.809 %
475	699	6915	18059	3067	474	17	78.809 %
812	699	6915	18059	3374	811	19	78.809 %
1318	697	6915	18059	3712	1315	16	78.857 %
2077	695	6915	18059	4083	2072	17	78.906 %
3216	692	6915	18059	4491	3208	20	78.979 %

```
============================================================================

restarts          : 19
conflicts         : 3721        (13912 /sec)
decisions         : 7469        (0.00 % random) (27925 /sec)
propagations      : 219140      (819304 /sec)
conflict literals : 75527       (17.64 % deleted)
Memory used       : 7.65 MB
CPU time          : 0.267471 s
```

SATISFIABLE

```
2 8 7 0  f 4 e 1  6 c 9 d  b 3 5 a
1 5 f 9  d a 7 b  3 0 2 4  8 6 c e
a 6 b e  0 2 3 c  5 f 7 8  d 9 4 1
3 c 4 d  5 9 6 8  a b 1 e  2 f 0 7

6 e 9 a  1 b 5 0  d 3 8 f  4 c 7 2
f b 8 c  6 e 2 3  4 7 5 a  0 d 1 9
5 4 1 2  c 7 9 d  0 6 e b  f a 3 8
7 d 0 3  a 8 4 f  2 9 c 1  e b 6 5

9 7 5 6  2 f 0 a  b 8 4 3  c 1 e d
c a d b  e 1 8 7  9 2 0 6  3 5 f 4
8 0 2 1  3 6 c 4  e d f 5  9 7 a b
e f 3 4  b 5 d 9  7 1 a c  6 8 2 0

b 2 a 8  4 3 1 6  c 5 d 0  7 e 9 f
0 9 6 5  7 d b e  f a 3 2  1 4 8 c
4 3 c 7  8 0 f 5  1 e b 9  a 2 d 6
d 1 e f  9 c a 2  8 4 6 7  5 0 b 3
```

```
===========================[ Problem Statistics ]===========================
|                                                      |
| Number of variables:       4096                      |
```

```
| Number of clauses:       123137                        |
| Parse time:              0.07 s                    |
| Eliminated clauses:       0.01 Mb                     |
| Simplification time:      0.18 s                   |
|                                          |
===========================[ Search Statistics
]=============================
|Conflicts |      ORIGINAL       |      LEARNT       | Progress |
|          | Vars  Clauses Literals |  Limit  Clauses Lit/Cl |          |
==================================================================
==================
|    100 |   704    7005   18981 |   2568     99    14 | 78.809 % |
|    250 |   704    7005   18981 |   2825    249    13 | 78.809 % |
|    475 |   704    7005   18981 |   3107    474    12 | 78.809 % |
|    812 |   704    7005   18981 |   3418    811    12 | 78.809 % |
|   1318 |   704    7005   18981 |   3760   1317    14 | 78.809 % |
|   2077 |   703    7005   18981 |   4136   2075    15 | 78.833 % |
|   3216 |   701    7005   18981 |   4550   3212    16 | 78.882 % |
|   4924 |   700    6915   18785 |   5005   4911    16 | 78.906 % |
==================================================================
==================
restarts          : 30
conflicts         : 6208         (16277 /sec)
decisions         : 10157        (0.00 % random) (26630 /sec)
propagations      : 370123       (970417 /sec)
conflict literals : 97856        (24.05 % deleted)
Memory used       : 8.06 MB
CPU time          : 0.381406 s
```

UNSATISFIABLE
Solution is unique.

Process finished with exit code 0