8 4 9 1 2 6 3 5 7

3 1 7 5 9 0 2 0 8

2 5 6 3 8 0 9 1 0

9 3 0 0 7 0 0 8 1

0 0 0 9 3 1 4 0 2

7 2 0 6 4 8 0 3 0

4 7 5 8 6 9 1 2 3

6 8 2 4 0 3 7 9 5

1 9 0 7 5 2 0 4 6

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|  | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 0 | 8 | 4 | 9 | 1 | 2 | 6 | 3 | 5 | 7 |
| 1 | 3 | 1 | 7 | 5 | 9 | 4 | 2 | 0 | 8 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

8 4 9 1 2 6 3 5 7

3 1 7 5 9 4 2 6 8

2 5 6 3 8 7 9 1 4

9 3 4 2 7 5 6 8 1

5 6 8 9 3 1 4 7 2

7 2 1 6 4 8 5 3 9

4 7 5 8 6 9 1 2 3

6 8 2 4 1 3 7 9 5

1 9 3 7 5 2 8 4 6

1 8 6 4 9 3 2 5 7

2 7 5 1 8 6 4 3 9

3 4 9 5 2 7 6 8 1

9 5 3 6 4 2 1 7 8

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7 6 2 3 1 8 9 4 5

8 3 7 2 6 9 5 1 4

6 2 1 7 5 4 8 9 3

5 9 4 8 3 1 7 2 6

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1 0 6 4 0 3 2 0 0

0 0 0 1 0 6 4 0 9

3 0 9 0 0 7 6 8 0

9 5 0 6 0 2 0 7 0

0 1 0 9 7 0 0 6 2

7 6 2 0 1 0 0 0 5

0 0 0 0 0 0 0 1 4

0 2 0 0 5 0 8 0 3

0 0 4 0 3 0 7 2 0

Model -> back end -> view -> controller -> app

Problems

1 5 4 2 3 7 9 6 8

2 9 7 6 8 5 4 3 1

8 6 3 4 9 1 5 2 7

6 3 8 1 4 9 7 5 2

7 2 5 8 6 3 1 4 9

4 1 9 7 5 2 3 8 6

3 7 1 5 2 8 6 9 4

9 4 2 3 1 6 8 7 5

5 8 6 9 7 4 2 1 3

[24, 77, 73, 71, 08, 68, 31, 83, 26, 37, 85, 01, 13, 10, 67, 02, 20, 23, 38, 15, 81, 46, 50, 17, 25, 47, 42, 72, 53, 87, 14, 55, 45, 58, 41, 05, 00, 16, 51, 06, 63, 28, 43, 33, 86, 27, 35, 52, 74, 66, 70, 76, 18, 61, 30, 56, 03, 12, 32, 88, 22, 82, 34, 60, 78, 36, 62, 40, 04, 11, 65, 80, 57, 54, 44, 84, 48, 64, 21, 07, 75]

1 0 0 0 3 7 9 6 0

0 9 0 0 0 0 4 3 1

0 6 3 4 0 1 0 2 7

0 0 0 1 0 9 7 0 0

7 2 5 8 6 0 0 0 9

0 1 9 0 5 0 3 8 6

3 7 1 5 2 8 0 0 0

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5 8 6 0 7 0 0 1 3