

Assignment Eleven – Expected Program Behavior for Running the Sudoku TreeSet

Expected Program Running Behaviors (file list and output will vary):

Welcome to the Sudoku Solution Helper Program 1.0!

Sudoku Solution Helper Main Menu:

-
1. Display Puzzle
 2. Display Remaining Moves For A Cell
 3. Generate Solution Help
 4. Load Puzzle
 5. Test Sudoku Board and Solution Helper
 6. Run Playground
 7. Quit Program
-

Enter menu selection (1 - 7): 4

Listing Input Directory Contents

-
1. puzzle4x4.txt
 2. puzzle9x9.txt
 3. puzzleBig.txt
 4. puzzleBigEmpty.txt
 5. puzzleEmpty.txt
 6. puzzleExample.txt
 7. puzzleInvalidCell.txt
 8. puzzleInvalidLineLength.txt
 9. puzzleInvalidLinesLong.txt
 10. puzzleInvalidLinesShort.txt
 11. puzzleInvalidSize.txt
 12. puzzleSolved.txt
 13. testingPuzzle4x4.txt

Enter the file name with extension: puzzleBig.txt

SUCCESS: puzzleBig.txt was loaded!

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Enter menu selection (1 - 7): 1

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
0	0	0	16	12	0	22	21	0	0	0	0	4	0	6	0	0	19	1	0	7	0	2	15	0	0
1	0	17	1	9	0	23	0	0	0	6	5	0	14	0	0	15	21	0	0	0	0	16	0	20	0
2	10	0	0	0	19	15	0	0	0	3	0	1	21	16	8	0	0	0	5	0	9	0	0	11	7
3	23	2	0	7	22	12	18	0	11	5	13	0	15	0	10	16	6	0	25	24	4	14	0	1	19
4	0	0	5	21	25	0	0	16	0	9	19	0	0	0	0	0	0	12	0	0	6	10	24	0	0
5	1	0	0	16	0	0	0	0	10	12	24	0	19	0	13	0	5	0	2	0	0	15	22	8	25
6	0	0	7	2	0	14	0	0	22	20	0	8	0	25	0	0	17	19	0	0	0	1	0	0	16
7	25	0	0	0	17	0	6	5	18	0	1	14	2	4	0	12	16	23	0	0	11	0	0	0	0
8	24	21	0	23	0	13	19	1	0	15	0	12	0	20	22	0	0	25	11	18	0	5	0	0	0
9	0	3	0	15	0	0	0	2	0	16	0	0	11	0	9	1	8	0	22	13	21	23	20	12	0
10	0	0	24	25	0	11	0	0	9	14	0	0	0	13	0	0	0	4	0	2	15	6	0	21	0
11	13	0	12	0	0	0	5	15	2	0	16	21	0	14	0	0	10	9	20	0	0	0	1	0	18
12	0	14	23	18	0	6	0	25	0	22	0	0	10	0	0	13	0	16	0	15	0	7	5	3	0
13	7	0	15	0	0	0	8	18	13	0	0	9	0	2	6	0	12	24	19	0	0	0	23	0	20
14	0	19	0	22	2	1	0	20	0	0	0	15	0	0	0	5	25	0	0	21	0	9	11	0	0
15	0	18	11	1	7	5	13	0	14	4	6	0	23	0	0	9	0	2	0	0	0	12	0	22	0
16	0	0	0	13	0	24	25	8	0	0	10	7	0	1	0	4	0	22	23	5	0	3	0	6	11
17	0	0	0	0	21	0	0	12	23	19	0	24	20	3	4	0	15	13	17	0	10	0	0	0	9
18	22	0	0	19	0	0	0	10	20	0	0	25	0	17	0	6	18	0	0	16	0	21	8	0	0
19	17	8	20	10	0	0	1	0	15	0	9	0	5	0	16	19	11	0	0	0	0	4	0	0	13
20	0	0	14	24	16	0	0	22	0	0	0	0	0	0	23	17	0	11	0	0	19	8	7	0	0
21	19	4	0	8	11	10	9	0	3	18	17	0	1	0	20	2	7	0	24	6	25	22	0	14	5
22	15	20	0	0	23	0	12	0	0	0	14	13	9	11	0	18	0	0	0	8	1	0	0	0	2
23	0	1	0	3	0	0	0	0	7	11	0	0	8	0	19	25	0	0	0	23	0	20	9	17	0
24	0	0	9	6	0	17	0	4	8	0	0	18	0	12	0	0	0	0	1	19	0	11	16	0	0

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Enter menu selection (1 - 7): 2

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
0	0	0	16	12	0	22	21	0	0	0	0	4	0	6	0	0	19	1	0	7	0	2	15	0	0
1	0	17	1	9	0	23	0	0	0	6	5	0	14	0	0	15	21	0	0	0	0	16	0	20	0
2	10	0	0	0	19	15	0	0	0	3	0	1	21	16	8	0	0	0	5	0	9	0	0	11	7
3	23	2	0	7	22	12	18	0	11	5	13	0	15	0	10	16	6	0	25	24	4	14	0	1	19
4	0	0	5	21	25	0	0	16	0	9	19	0	0	0	0	0	0	12	0	0	6	10	24	0	0
5	1	0	0	16	0	0	0	0	10	12	24	0	19	0	13	0	5	0	2	0	0	15	22	8	25
6	0	0	7	2	0	14	0	0	22	20	0	8	0	25	0	0	17	19	0	0	0	1	0	0	16
7	25	0	0	0	17	0	6	5	18	0	1	14	2	4	0	12	16	23	0	0	11	0	0	0	0
8	24	21	0	23	0	13	19	1	0	15	0	12	0	20	22	0	0	25	11	18	0	5	0	0	0
9	0	3	0	15	0	0	0	2	0	16	0	0	11	0	9	1	8	0	22	13	21	23	20	12	0
10	0	0	24	25	0	11	0	0	9	14	0	0	0	13	0	0	0	4	0	2	15	6	0	21	0
11	13	0	12	0	0	0	5	15	2	0	16	21	0	14	0	0	10	9	20	0	0	0	1	0	18
12	0	14	23	18	0	6	0	25	0	22	0	0	10	0	0	13	0	16	0	15	0	7	5	3	0
13	7	0	15	0	0	0	8	18	13	0	0	9	0	2	6	0	12	24	19	0	0	0	23	0	20
14	0	19	0	22	2	1	0	20	0	0	0	15	0	0	0	5	25	0	0	21	0	9	11	0	0
15	0	18	11	1	7	5	13	0	14	4	6	0	23	0	0	9	0	2	0	0	0	12	0	22	0
16	0	0	0	13	0	24	25	8	0	0	10	7	0	1	0	4	0	22	23	5	0	3	0	6	11
17	0	0	0	0	21	0	0	12	23	19	0	24	20	3	4	0	15	13	17	0	10	0	0	0	9
18	22	0	0	19	0	0	0	10	20	0	0	25	0	17	0	6	18	0	0	16	0	21	8	0	0
19	17	8	20	10	0	0	1	0	15	0	9	0	5	0	16	19	11	0	0	0	0	4	0	0	13
20	0	0	14	24	16	0	0	22	0	0	0	0	0	0	23	17	0	11	0	0	19	8	7	0	0
21	19	4	0	8	11	10	9	0	3	18	17	0	1	0	20	2	7	0	24	6	25	22	0	14	5
22	15	20	0	0	23	0	12	0	0	0	14	13	9	11	0	18	0	0	0	8	1	0	0	0	2
23	0	1	0	3	0	0	0	0	7	11	0	0	8	0	19	25	0	0	0	23	0	20	9	17	0
24	0	0	9	6	0	17	0	4	8	0	0	18	0	12	0	0	0	0	1	19	0	11	16	0	0

Enter row selection (0 - 24): 24

Enter col selection (0 - 24): 0

Remaining moves at (24, 0): [2, 5, 21]

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Enter menu selection (1 - 7): 6

Thanks for using the Sudoku Solution Helper Program 1.0!