Easy

Figure 1: Solution for the easy sudoku board. The backtrack function was called only once, and there were no instances in which the backtrack function returned a failure.

TODO: [Some comments about count related to theory]
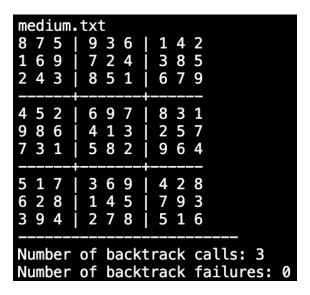
Medium

Figure 2: Solution for the medium sudoku board. The backtrack function was called a total of 3 times, and there were still no instances in which the backtrack function returned a failure.

TODO: [Some comments about count related to theory]

Hard

```
hard.txt
1 5 2 | 3 4 6 | 8 9 7
4 3 7 | 1 8 9 | 6 5 2
6 8 9 | 5 7 2 | 3 1 4
------+-------+------
8 2 1 | 6 3 7 | 9 4 5
5 4 3 | 8 9 1 | 7 2 6
9 7 6 | 4 2 5 | 1 8 3
------+-------+------
7 9 8 | 2 5 3 | 4 6 1
3 6 5 | 9 1 4 | 2 7 8
2 1 4 | 7 6 8 | 5 3 9
-------------------------
Number of backtrack calls: 12
Number of backtrack failures: 4
```

Figure 3: Solution for the hard sudoku board. The backtrack function was called a total of 12 times, and there were 4 instances in which the function returned a failure.

TODO: [Some comments about count related to theory]

Very hard

```
veryhard.txt
4 3 1 | 8 6 7 | 9 2 5
6 5 2 | 4 9 1 | 3 8 7
8 9 7 | 5 3 2 | 1 6 4
------+-------+------
3 8 4 | 9 7 6 | 5 1 2
5 1 9 | 2 8 4 | 7 3 6
2 7 6 | 3 1 5 | 8 4 9
------+-------+------
9 4 3 | 7 2 8 | 6 5 1
7 6 5 | 1 4 3 | 2 9 8
1 2 8 | 6 5 9 | 4 7 3
-------------------------
Number of backtrack calls: 68
Number of backtrack failures: 57
```
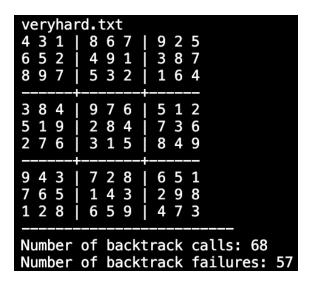
Figure 4: Solution for the very hard sudoku board. In this solution, the backtrack function was called a total of 68 times, and a total of 57 failures were returned.

TODO: [Some comments about count related to theory]