* Sudoku Solver:

To solve the Sudoku solver, I am using simply Backtracking Algorithm.

Backtracking is simply reverting back to the previous step or solution as soon as we determine that our current solution cannot be continued into a complete one.

Applied Algorithm:-

Start with an incomplete board:
→ Find some empty space
→ Attempt to place the digits 1-9 in that space.
→ Check if that digit is valid in the current spot based on the current board.
→ a. If the digit is valid,
    recursively attempt to fill the board using step 1-3
   b. if it is not valid, ireset the square you just filled and go back to the previous step.

→ Once the board is full by the defination of this algorithm we have found a solution.

* In our coding, we use manually user input from keyboard.
show the output with a 9*9 grid view.