1. Write the process on how you got to the answer as you play.

- First thing I did is understand the problem I am currently facing.
- I created a magic square firstly with the central 3x3 grids. This magic square has a sum of 15 horizontally, vertically, and diagonally within the central grid.
- After I checked the Sudoku puzzle and looked on how to implement the following conditions :

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Each of the digits 1-9 is exactly once in each row.
Each of the digits 1-9 is exactly once in each column.
There must be an anti-knight sudoku
Each of the digits 1-9 is exactly once in each of the 3x3 sub-boxes of the grid.

- I then started inserting numbers from 1-9 randomly in cells that that will not break the above conditions.
- As the puzzle was starting to get crowded, I decided to use a method called backtracking. this is an algorithm for finding all (or some) of the solutions to a problem that incrementally builds candidates to the solution(s).
- As soon as it determines that a candidate cannot possibly lead to a valid solution, it abandons the candidate. Backtracking is all about choices and consequences. If the conditions fail, I then used backtracking to go back to the previous state and repeat the process all over again.