

Usage

`python3 main.py <INPUT_FILE> <OUTPUT_FILE>`

input file should contain Sudoku grid

output file will contain a number showing the count of possible solutions

Program workflow

1. Parsing the Sudoku to G
2. Assign value to prefilled cell ($X[row, col, val]$)
3. Add constraints using *OneHot()* function
 - A. Value
 - B. Row
 - C. Column
 - D. Box
4. Call pyeda function *satsfy_count()*
5. Write to output file