

## H-Problem 0 [Not Kakuro] - TA Tarun

Write a `.mod` which solves a sudoku. Using `.mod`, find the solution for data file ‘`sudoku0.dat`’. You are **NOT** allowed to use ***AllDiff*** constraints. The objective is to fill a  $9 \times 9$  grid with digits so that each column, each row, and each of the nine  $3 \times 3$  subgrids that compose the grid (also called “boxes”, “blocks”, “regions”, or “subsquares”) contains all of the digits from 1 to 9. **Formulate the problem as an ILP.**