

Problem Statement

You're given a two-dimensional array that represents a 9x9 partially filled Sudoku board. Write a function that returns the solved Sudoku board. Sudoku is a famous number-placement puzzle in which you need to fill a 9x9 grid with integers in the range of 1-9. Each 9x9 Sudoku board is split into 9 3x3 subgrids, as seen in the illustration below, and starts out partially filled.