

RED ANT MEDIA – ASSESSMENT

PROBLEM STATEMENT

3. Cathy works as an editor in a magazine. She is responsible for the games and puzzles section in the magazine. But unfortunately, she doesn't have time to go about creating a puzzle on her own every month. Help her by creating a Sudoku validator.

- a. It will be a standard 9 X 9 Sudoku board
- b. Each row must contain the digits 1-9 without repetition.
- c. Each column must contain the digits 1-9 without repetition.
- d. Each of the nine 3 x 3 sub-boxes of the grid must contain the digits 1-9 without repetition.
- e. Provide an interface where there will be an empty board.
- f. Cathy can type in the squares that she wants with numbers that she wants to.
- g. When she clicks on validate, the solution should tell her whether the partially entered board by her is a valid Sudoku board or not

LANGUAGES USED

- HTML5
- CSS3
- JavaScript ES6
- Bootstrap 4

HOSTED WEBSITE: <https://sudoku-validator.netlify.app/>

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MSc SOFTWARE SYSTEMS