***Pseudocode for Check Row:***

check\_row( value, square, board )

FOR i, board[board][row\_number], i++

IF i == value

RETURN False

ELSE

RETURN TRUE

***Pseudocode for Check Square:***

check\_square( square, board, value )

i\_max 🡨 square[1] + 2

FOR i, i <= i\_max, i++

FOR j, board[board][i], j++

IF value == j

RETURN False

ELSE

RETURN TRUE

***Dataflow Diagram:***

Diagram

Description automatically generated with medium confidence

***Structure Chart:***

Diagram

Description automatically generated