Week 06: Sudoku Program

Test Case 1: Valid Coordinate - Standard

Input: B2

Expected Output: (1, 1)

Test Type: Requirement

Test Case 2: Valid Coordinate - Lowercase

Input: b2

Expected Output: (1, 1)

Test Type: Requirement

Test Case 3: Valid Coordinate - Reversed

Input: 2B

Expected Output: (1, 1)

Test Type: Requirement

Test Case 4: Valid Boundary Coordinate - Top Left

Input: A1

Expected Output: (0, 0)

Test Type: Boundary Condition

Test Case 5: Valid Boundary Coordinate - Bottom Right

Input: I9

Expected Output: (8, 8)

Test Type: Boundary Condition

Test Case 6: Invalid Coordinate - Out of Range Number

Input: B10

Expected Output: Invalid coordinate. Please enter a valid coordinate (e.g., 'B8').

Test Type: Error State

Test Case 7: Invalid Coordinate - Invalid Column

Input: J3

Expected Output: Invalid coordinate. Please enter a valid coordinate (e.g., 'B8').

Test Type: Error State

Test Case 8: Invalid Coordinate - Non-Alphanumeric

Input: #4

Expected Output: Invalid coordinate. Please enter a valid coordinate (e.g., 'B8').

Test Type: Error State

Test Case 9: Empty Input

Input:

Expected Output: Invalid coordinate. Please enter a valid coordinate (e.g., 'B8').

Test Type: Error State