class Solution:

def isValidSudoku(self, board: List[List[str]]) -> bool:

check\_table = {}

for i in range(9):

for j in range(9):

cur = board[i][j]

if not cur.isdigit():

continue

row = 'row' + str(i)

column = 'column' + str(j)

box = 'box' + str((i // 3) \* 3 + (j // 3))

if row not in check\_table:

check\_table[row] = []

check\_table[row].append(cur)

else:

if cur in check\_table[row]:

return False

else:

check\_table[row].append(cur)

if column not in check\_table:

check\_table[column] = []

check\_table[column].append(cur)

else:

if cur in check\_table[column]:

return False

else:

check\_table[column].append(cur)

if box not in check\_table:

check\_table[box] = []

check\_table[box].append(cur)

else:

if cur in check\_table[box]:

return False

else:

check\_table[box].append(cur)

return True