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کتاب جانی

def is_safe(board, row, col, n):

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for i in range(col):

if board[row][i] == 1:

return false

for i, j in zip(range(row, -1, -1), range(col-1, -1, -1)):

if board[i][j] == 1:

return false

return true

def solve_n_queens_util(board, col, n):

if col == n:

return true

for i in range(n):

if is_safe(board, i, col, n):

board[i][col] = 1

if not solve_n_queens_util(board, col+1, n):

print("Not answer")

return false

for i in range(n):

for j in range(n):

print(board[i][j], end=" ")

print()

return true

solve_n_queen(8)