```python
N = 8
def is_safe(board, row, col):
    for i in range(col):
        if board[row][i] == 1:
            return False
    i, j = row, col
    while i >= 0 and j >= 0:
        if board[i][j] == 1:
            return False
        i -= 1
        j -= 1
    i, j = row, col
    while i < N and j >= 0:
        if board[i][j] == 1:
            return False
        i += 1
        j -= 1
    return True

def solve_nqueens(board, col):
    if col >= N:
        return True

    for i in range(N):
        if is_safe(board, i, col):
            board[i][col] = 1
            if solve_nqueens(board, col + 1):
                return True
            board[i][col] = 0
    return False

def print_board(board):
    for row in board:
        print(' '.join('Q' if x else '.' for x in row))
    print()
board = [[0]*N for _ in range(N)]
```

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37
38 if solve_nqueens(board, 0):
39     print("One possible solution for 8-Queens:\n")
40     print_board(board)
41 else:
42     print("No solution exists.")
43
```

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>>> %Run -c $EDITOR_CONTENT

  One possible solution for 8-Queens:

  Q . . . . . . .
  . . . . . . Q .
  . . . . Q . . .
  . . . . . . . Q
  . Q . . . . . .
  . . . Q . . . .
  . . . . . Q . .
  . . Q . . . . .

>>>
```