

# Queen Placement Combination 2 - (Queen Chooses)

---

```
def QueenCombinations2(n, r):
    chess = [[0] * n for i in range(n)]
    QueenCombinationsUtil(n, r, 0, -1, 0, chess)
    return

def QueenCombinationsUtil(n, tr, row, col, queens, chess):
    if queens == tr:
        for i in range(n):
            for j in range(n):
                if chess[i][j] == 1:
                    print('q', end='')
                else:
                    print('-', end='')
            print()
        print()
        return

    for c in range(col + 1, n):
        chess[row][c] = 1
        QueenCombinationsUtil(n, tr, row, c, queens + 1, chess)
        chess[row][c] = 0

    for r in range(row + 1, n):
        for c in range(n):
            chess[r][c] = 1
            QueenCombinationsUtil(n, tr, r, c, queens + 1, chess)
            chess[r][c] = 0

QueenCombinations2(2, 2)
```

In here we give chance to every queen to occupy any position in board.