

Queen Placement Permutation-I(Queen Chooses)

```
def QueenPermutation1(n,r):
    chess = [[0]*n for i in range(n)]
    QueenPermutationUtil(chess,n,r,0)
    return

def QueenPermutationUtil(chess,n,r,QueenCount):
    if QueenCount==r:
        for i in range(n):
            for j in range(n):
                if chess[i][j]!=0:
                    print('q'+str(chess[i][j]),end='')
                else:
                    print('-', end='')
            print()
        print()

        return

    for i in range(n):
        for j in range(n):
            if chess[i][j]==0:
                chess[i][j] = QueenCount+1
                QueenPermutationUtil(chess, n, r, QueenCount+1)
                chess[i][j] = 0

QueenPermutation1(2,2)
```