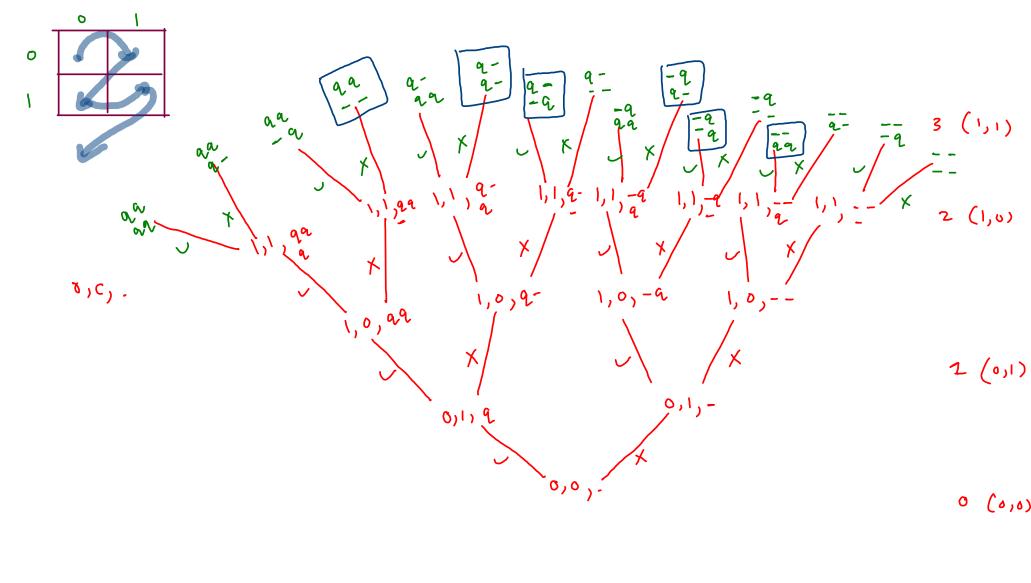
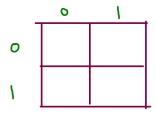
queen-combination 2 (boxes choose) N-> or du n-) N×N (boxis) 8-> N (ques) 4 (2 -) 6

0



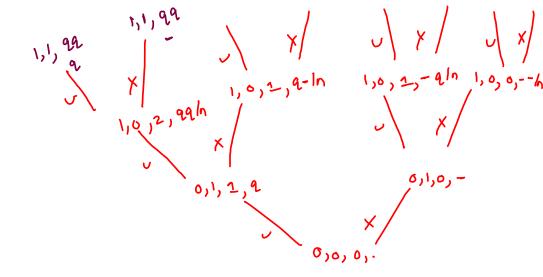


T, C, qpsj, asj

```
public static void queensCombinations(int qpsf, int N, int row, int col, String asf){
    if(row == N) {
        if(qpsf == N) {
            | System.out.println(asf);
        }
        return;
    }

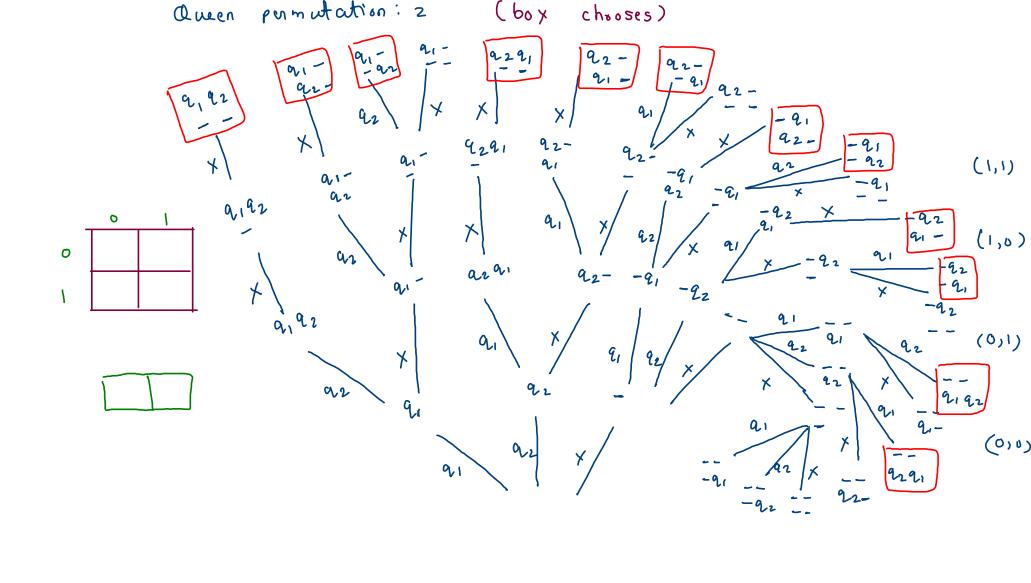
    //yes
    if(col < N-1) {
        queensCombinations(qpsf+1,N,row,col+1,asf + "q");
    }
    else {|
        queensCombinations(qpsf+1,N,row+1,0,asf + "q\n");
    }

    //no
    if(col < N-1) {
        queensCombinations(qpsf,N,row,col+1,asf + "-");
    }
    else {
        queensCombinations(qpsf,N,row,col+1,asf + "-\n");
    }
}</pre>
```

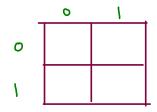


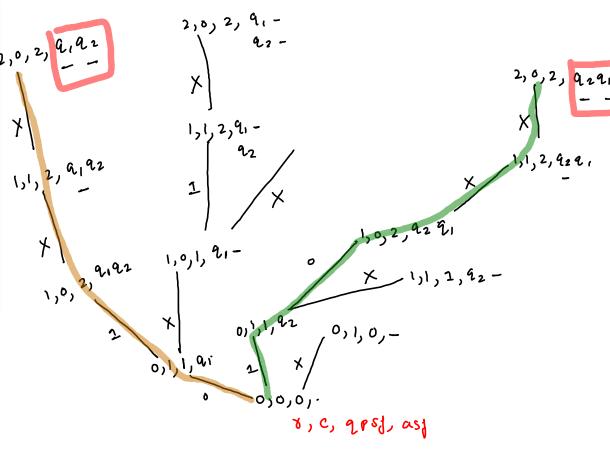
Quen permutations-1 (aven chooses) 0 0,0 7-> N= N

8 = N

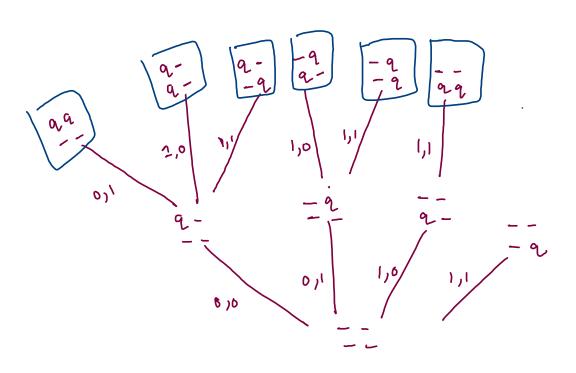


```
if(row == N) {
    if(qpsf == N) {
       System.out.println(asf);
       System.out.println();
    return;
//box choice -> yes calls
for(int q = 0; q < N; q++) {
   if(queens[q] == false) {
        queens[q] = true;
        if(col < N-1) {
          queensPermutations(qpsf+1,N,row,col+1,asf + "q" + (q+1) + "\t",queens);
       else {
           queensPermutations(qpsf+1,N,row+1,0,asf + "q" + (q+1) + "\n",queens);
       queens[q] = false;
//box no call
if(col < N-1) {
   queensPermutations(qpsf,N,row,col+1,asf + "-\t",queens);
else {
   queensPermutations(qpsf,N,row+1,0,asf + "-\n",queens);
```





(ombinations-2 (quen choice)

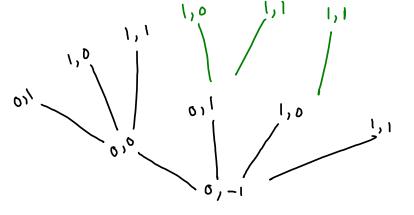


q

0 (

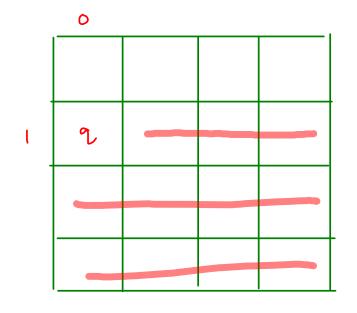
drzy dast placed queen's row

le => last placed queer cols



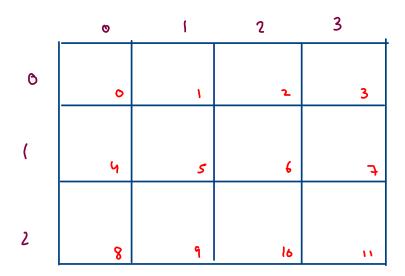
Jor (in+ i = dr) i < N ; i++) {

Jos (in+ j = (i = = 27) ? Lc+1 : 0 ; j < N ; j++)

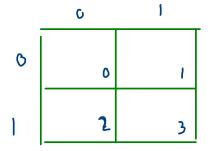


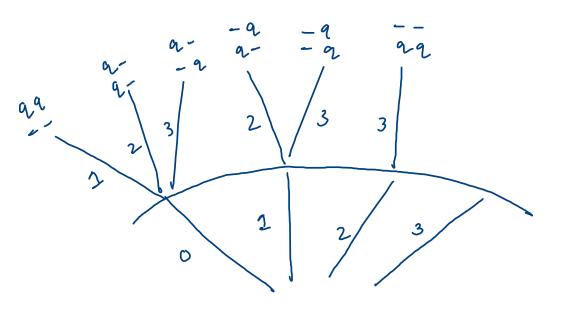
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queen comb 2d as 1d (queen chooses)





O

C