formutation! 4P2 = 4C2 × 12 = 14 × 18 = 3×9=12 £! 1/1 00 0 0102 0 2 0

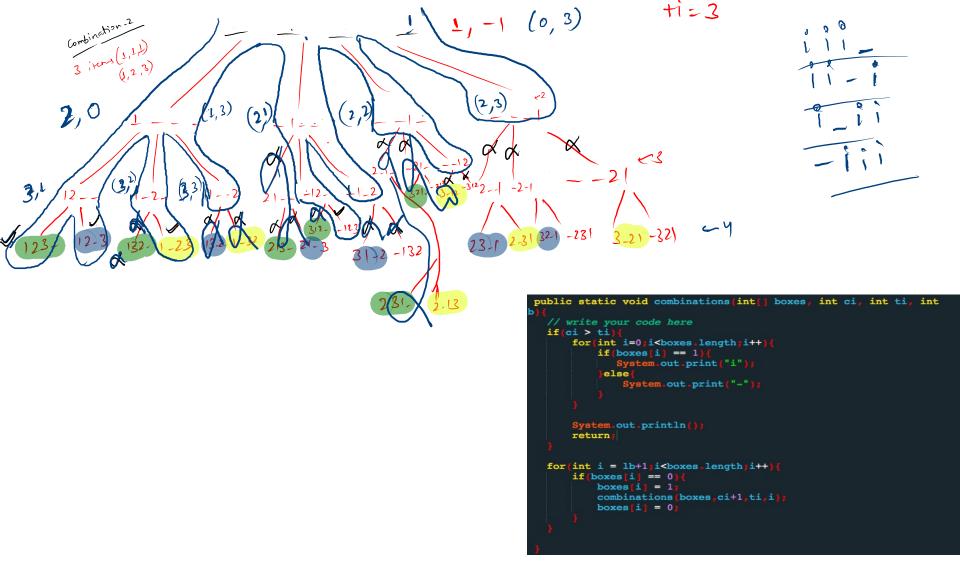


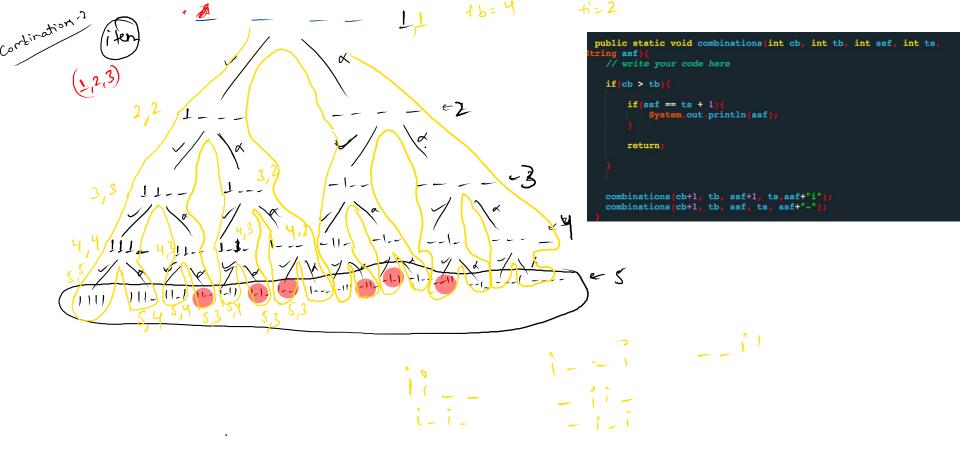
```
public static void permutations(int[] boxes, int ci, int ti){
    // write your code here

if(ci > ti){
    for(int i=0;i<boxes.length;i++){
        System.out.print(boxes[i]);
    }

    System.out.println();
    return;
}

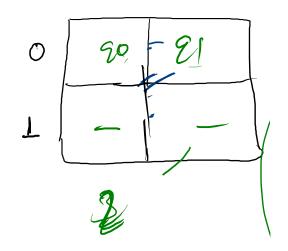
for(int i=0;i<boxes.length;i++){
    if(boxes[i] == 0){
        boxes[i] = ci;
        permutations(boxes,ci+1,ti);
        boxes[i] = 0;
    }
}</pre>
```





(1,2) Permutation.

Queers Comb



```
public static void queensCombinations(int qpsf, int tq, int row, int col, String asf){
    if(row == tq)
        if(qpsf == tq){
             System.out.println(asf);
        return:
    int nxtrow=row;
    int nxtcol = col;
    String yesans = asf;
String noans = asf;
    if(col == tg-1){
        nxtrow++;
        nxtcol =0;
        yesans = yesans + "q\n";
noans = noans+"-\n";
     else
        nxtcol++;
        yesans = yesans + "q";
        noans = noans +"-";
    queensCombinations(qpsf+1,tq,nxtrow,nxtcol ,yesans);
    queensCombinations(qpsf,tq,nxtrow,nxtcol,noans);
```

