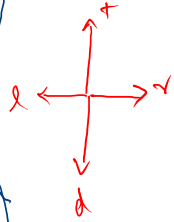


$\begin{cases} 0 \rightarrow \text{Can be visited} \\ 1 \rightarrow \text{water} \end{cases}$

path

$$(0, 0 \rightarrow 7, 8)$$

$$\underline{\underline{\text{Div}[\ell d\alpha]}}$$



	0	1	2	3	4	5	6	7
0	0	1	0	0	0	0	0	0
1	0	1	0	1	1	1	1	0
2	0	1	0	1	0	0	0	0
3	0	1	0	1	0	1	1	1
4	0	0	0	0	0	0	0	0
5	0	1	0	1	1	1	1	0
6	0	1	0	1	1	1	1	0
7	0	1	0	0	0	0	0	0

A 10x10 grid with columns labeled 0-9 and rows labeled 0-9. A yellow curve is drawn in the first row, starting at column 0 and ending at column 1.

✓ d d d d r + + + r r r r d d l l l l r r d d d  
 ✓ d d d d r r d d d r r r r r  
 ✓ d d d d r r r r r r d d d

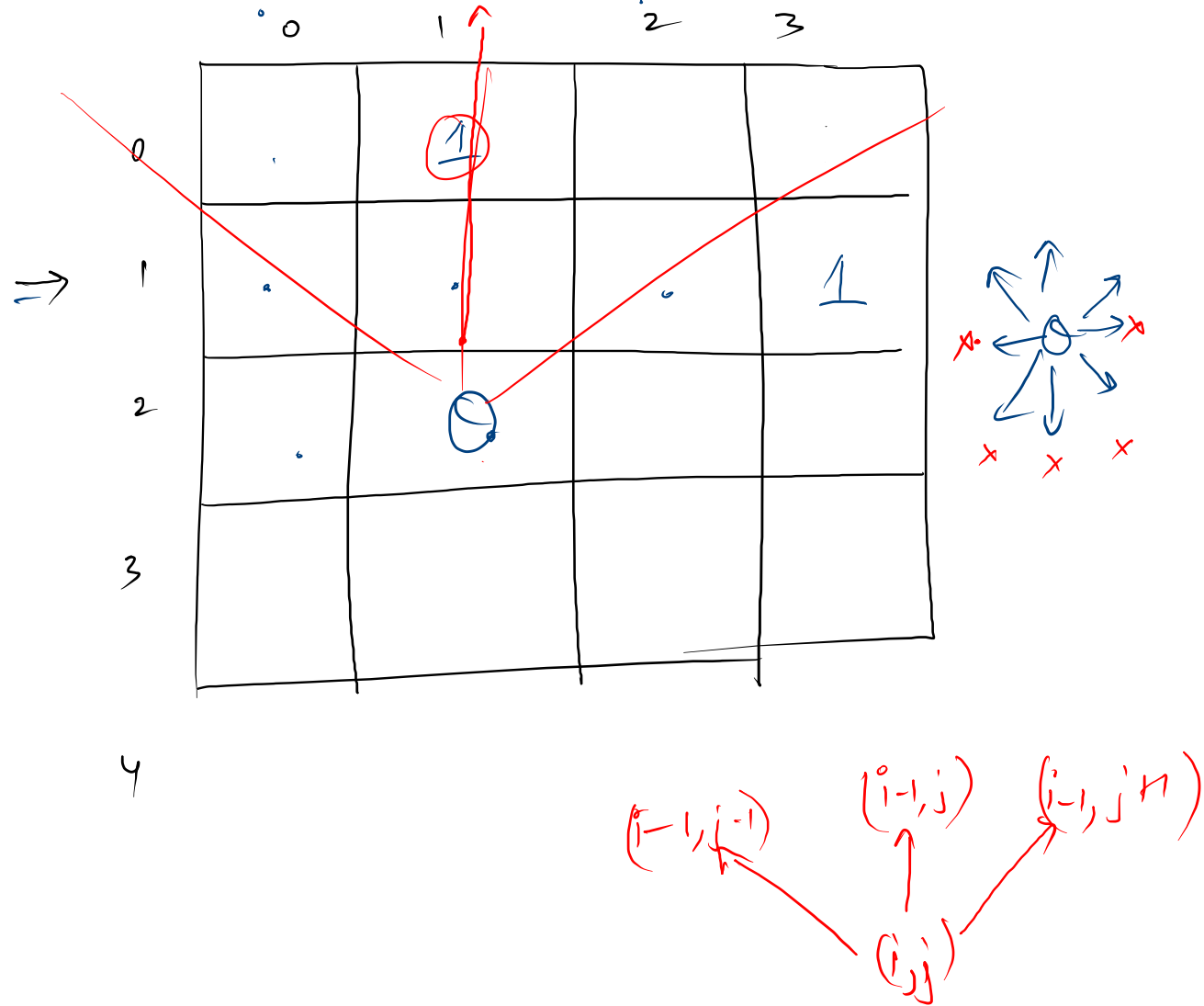
~~valid~~ valid  $\rightarrow$  unvisited +  $[ ] [ ] = 0$

invalid  
↳ visited #[] [] = 1 + out of range

NQueen.

Input :  $n=4$   $\begin{cases} 4\text{-Queens} \\ 4 \times 4 \end{cases}$

```
if(row == chess.length){
    System.out.println(qsf);
    return;
}
for(int col = 0 ; col < chess[0].length ; col++){
    if(isSafe(chess,row,col)){
        chess[row][col] = 1;
        printNQueens(chess,qsf+row+"-"+col+",",row+1);
        chess[row][col] = 0;
    }
}
```



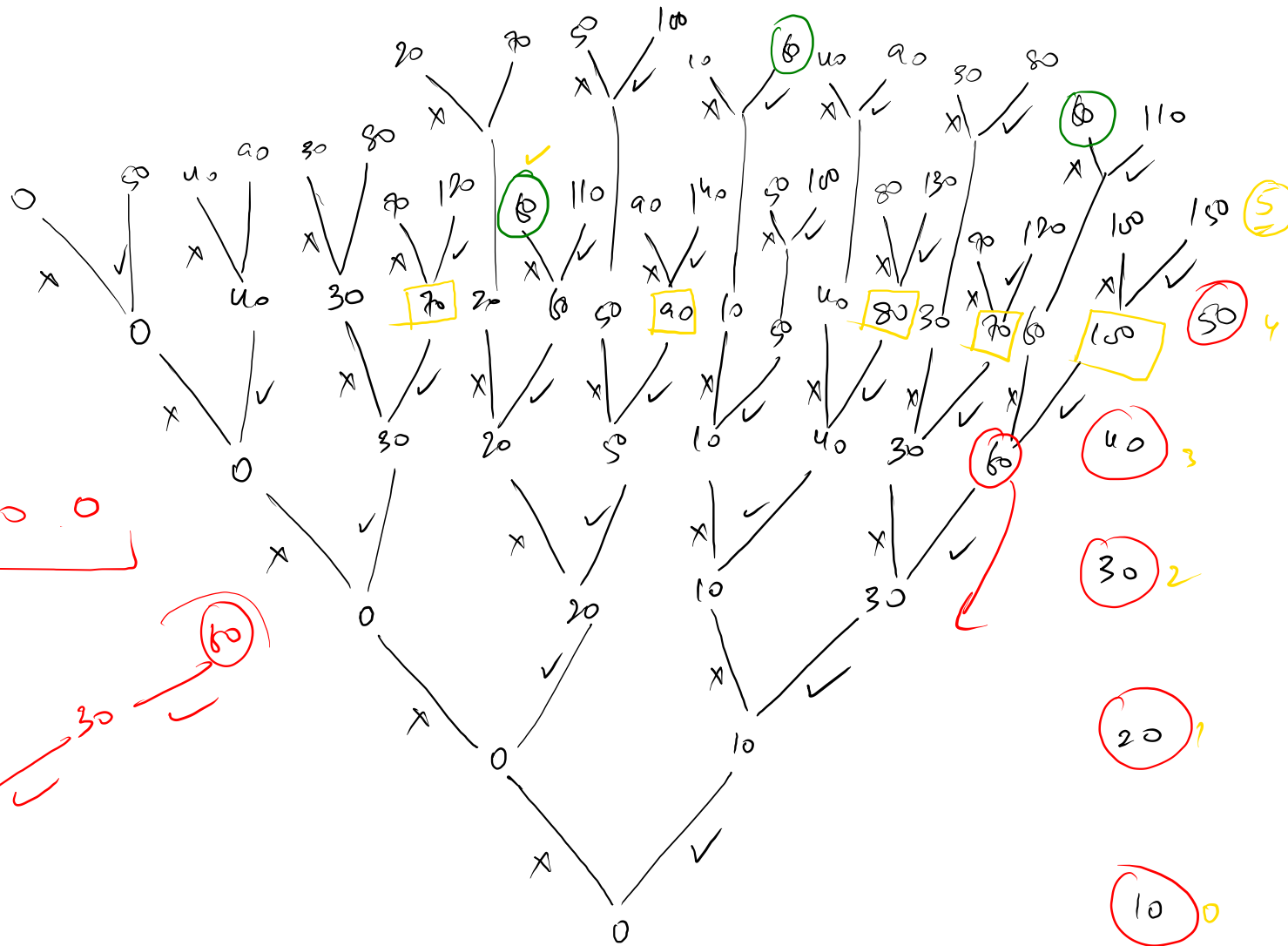
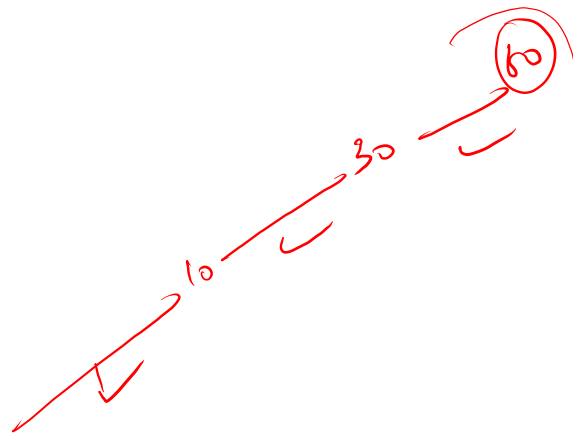
inp  $\rightarrow$  true

10	20	30	<del>0</del>	<del>0</del>
----	----	----	--------------	--------------

Target  $\Rightarrow$  60

$\left[ \begin{array}{l} 20, 40 \\ 10, 50 \\ 10, 20, 30 \end{array} \right]$

10 20 30 0



25	2	23	4	2
24	5	14	16	21
1	6	3	16	12
8	9	2	18	17
10	11	12	17	20

0	1	2	3	4
0	2	0	0	0
0	0	0	3	0
1	0	0	0	0
0	0	0	0	0
0	0	0	0	0

mv = 25

0	1	2	3	4
0	2	0	0	0
0	0	0	0	0
1	0	0	0	0
0	0	0	0	0
0	0	0	0	0

0	1	2	3	4
0	0	0	0	0
0	0	0	0	0
1	0	0	0	0
0	0	0	0	0
0	0	0	0	0

0	1	2	3	4
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0

um = 25

um = 24

25

