

N Queens (Day 27)

int c > 0 chess board → visited



0

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

row

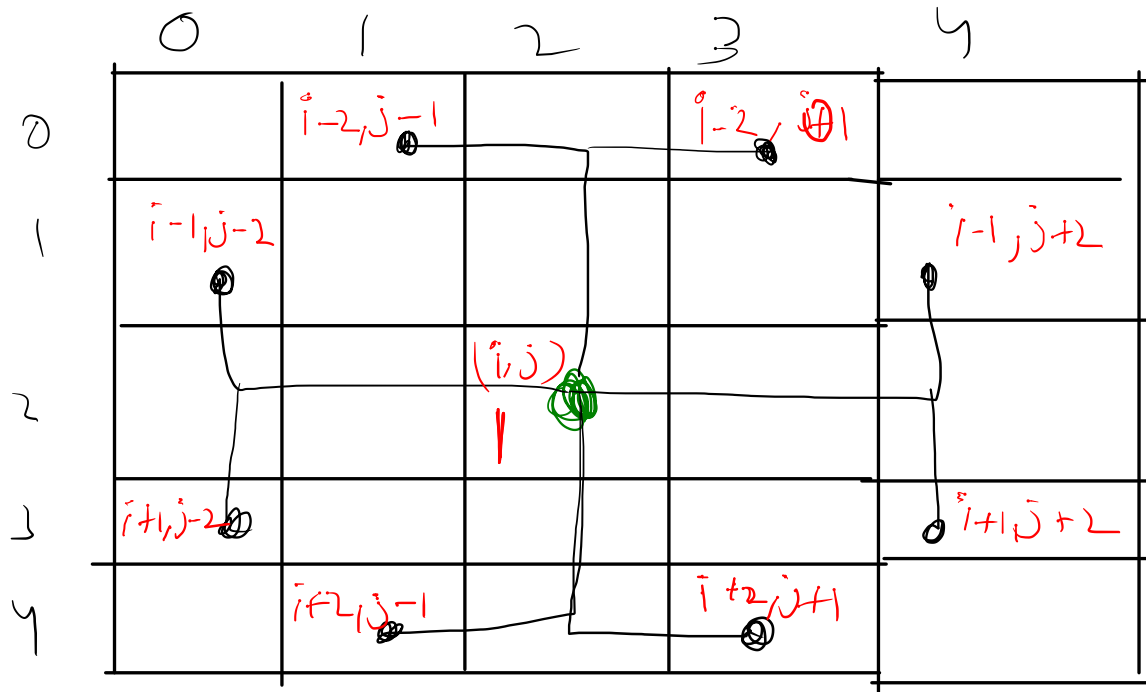


3

4x4

0 1 1
↓ ↓
false true

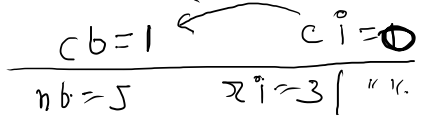
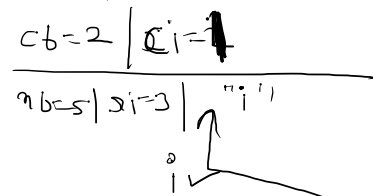
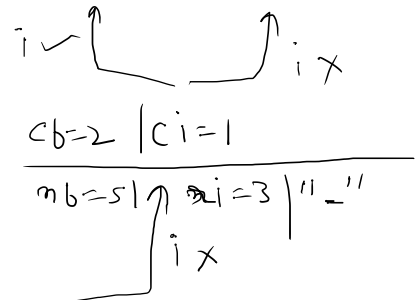
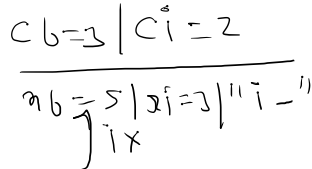
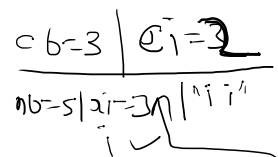
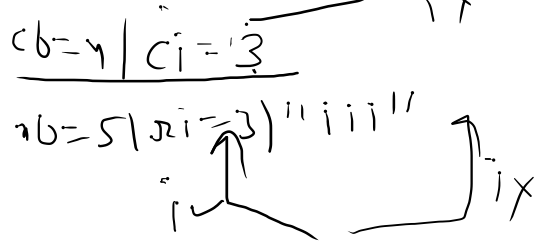
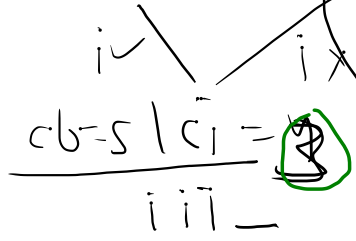
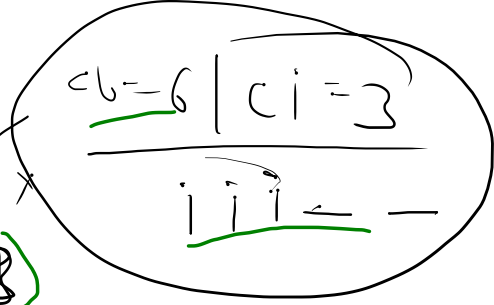
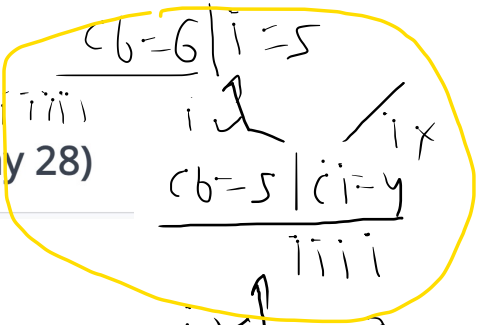
Knights Tour (Day 28)



5-85

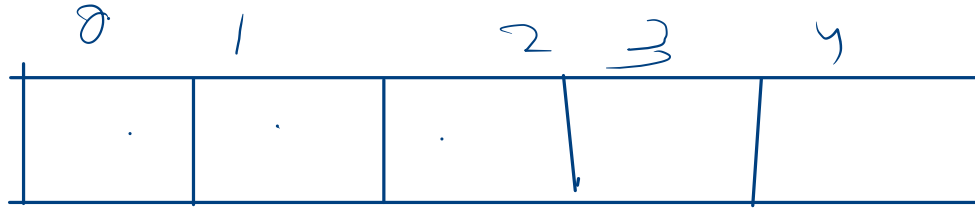
2,2

Combinations - 1 (Day 28)



Snake and Board (Day 28)

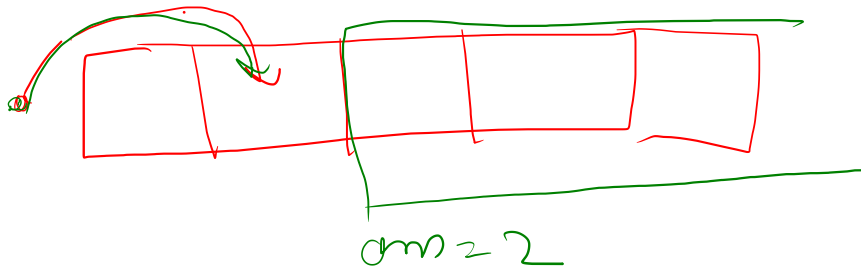
$$n=5$$



$$d=6$$

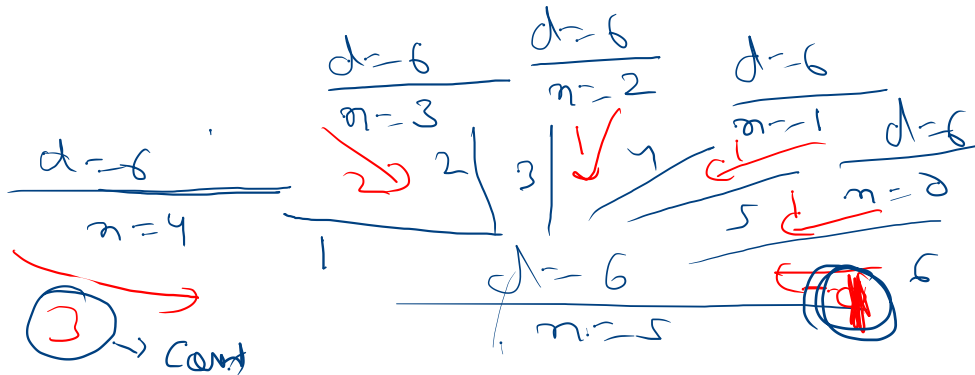
6 x not use

jump=2
mod=1



$$\text{my} \text{ mod} = (2 + 1) = 3$$

with

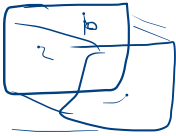
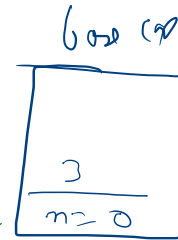
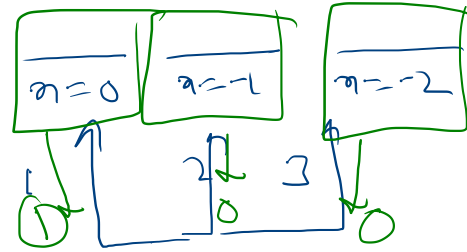
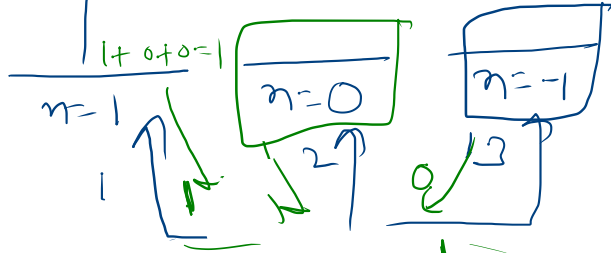
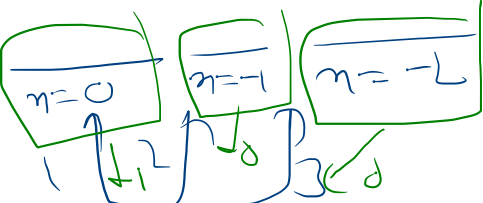


exclude

$$3 + 2 + 1 + 1 + 0 + 0$$

$$n=3 \quad | \quad d=3$$

$$\begin{array}{ccc} 1 & 1 & 1 \\ 1 & 2 & \\ 2 & 1 & \end{array} \quad \left. \vphantom{\begin{array}{ccc} 1 & 1 & 1 \\ 1 & 2 & \\ 2 & 1 & \end{array}} \right\}$$



$$\begin{array}{c} 3 \quad 1+0+0=1 \\ \hline n=-2 \end{array}$$

$$\begin{array}{c} 3 \quad 1+0+0=1 \\ \hline n=-1 \end{array}$$

$$\begin{array}{c} d=3 \\ \hline n=3 \end{array}$$

$$2+1+1=4$$
