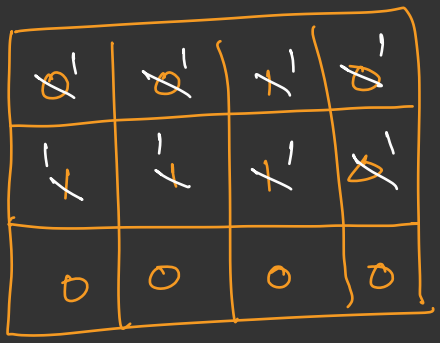
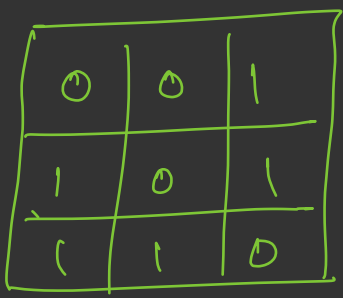
Dry run of factorial and power.

2D array questions -

rotation ⇒ logic

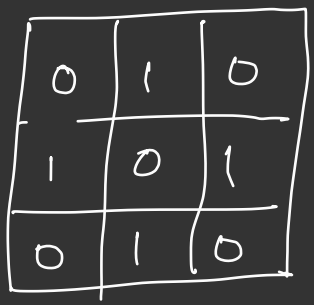


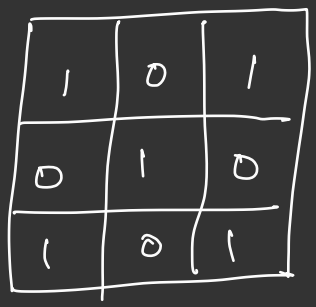
Ques



⇒

$c = 0 \times 2 \times 3$

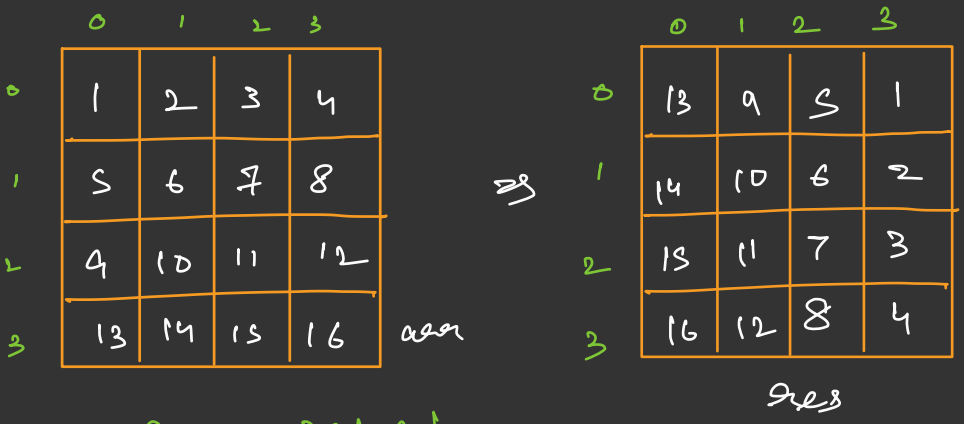




$c = 0 \times 2 \times 3 \times 4$

B1 → gg 3 are right → 6 wrong

B2 → Right → 6 → wrong 3



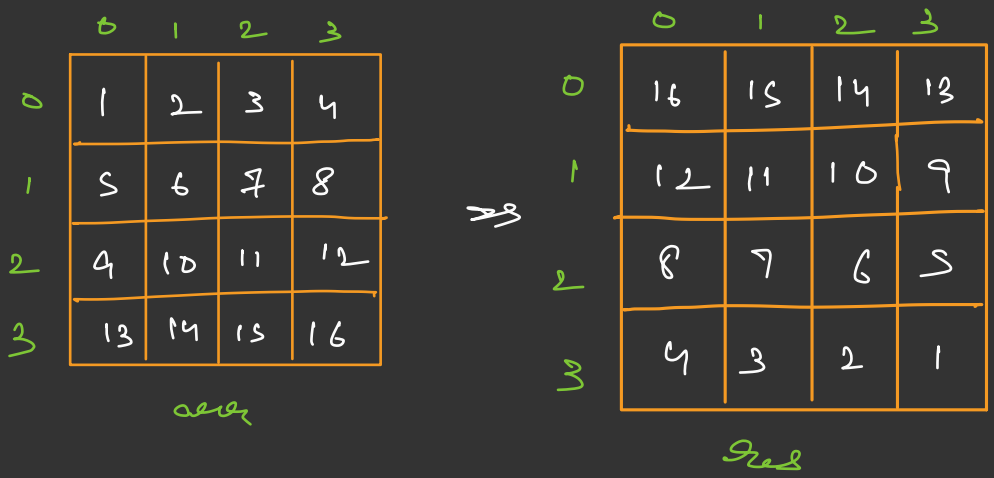
0th arr → 3rd col

1st arr row → 2 col

ith arr row → n-1-i col (res)

col → row

```
int res[][] = new int[n][n];
for(int i=0; i<n; i++) {
    for(int j=0; j<n; j++) {
        res[j][n-1-i] = arr[i][j];
    }
}
```



Row

Row remains row

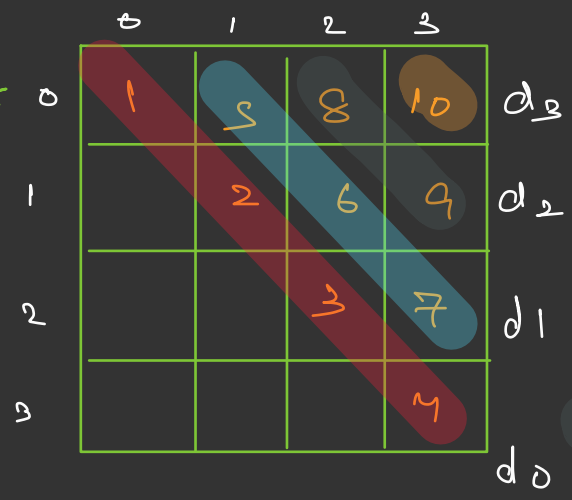
arr	res	
0th row	3rd row	n-1
1 row	2 row	n-1-1
2 row	1 row	n-1-2
3 row	0 row	n-1-3

i th row n-1-ith row

j col n-1-jth col

res[n-1-i][n-1-j] = arr[i][j];

Que



1, 2, 3, 4, 5, 6, 7, 8, 9, 10

```
for(int d=0; d<n; d++){
    for(int i=0,j=d; j<n; i++,j++){
        syso(arr[i][j]);
```