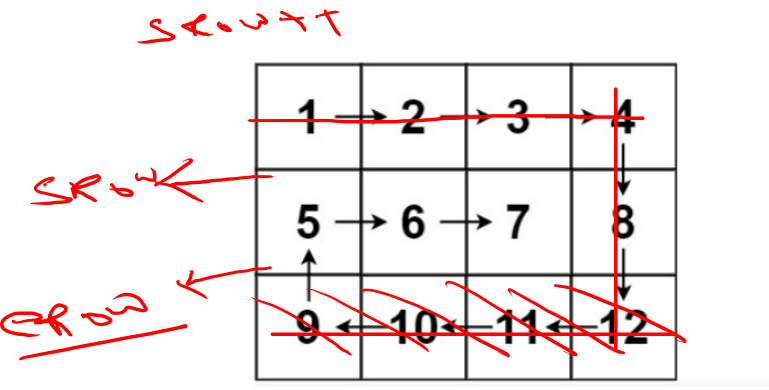
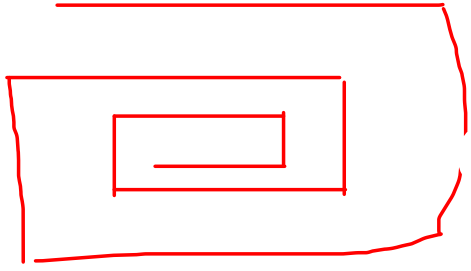
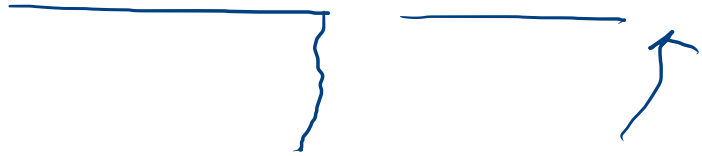
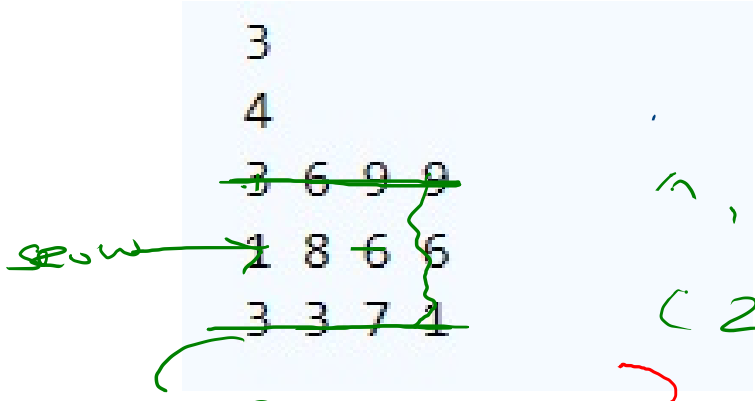
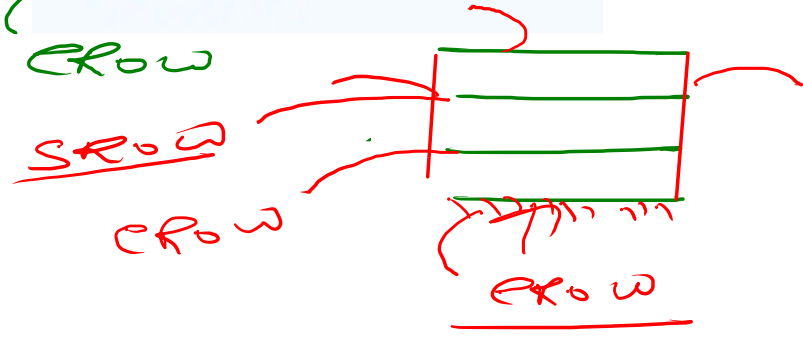

1 → 2 → 3 → 4
5 → 6 → 7 8
9 ← 10 ← 11 ← 12






3
4
1 8 6 6
3 3 7 1
(n, 3)
(2, 3)




(0,0)
(1,0)
(2,0)
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

```java
public static void spriralMatrix(int[][] arr,int row,int col){
    int sRow = 0;
    int eRow = arr.length-1;
    int sCol=0;
    int eCol = arr[0].length-1;
    int total = arr.length * arr[0].length;
    int count=0;
    while(count<total){
        // print the first Row
        for(int i=sCol;count<total && i<=eCol;i++){
            System.out.print(arr[sRow][i]+"   ");
            count++;
        }
        sRow++;
        // print the last col
        for(int i=sRow; count<total && i<=eRow;i++){
            System.out.print(arr[i][eCol]+"   ");
            count++;
        }
        eCol--;
        // print the last Row
        for(int i=eCol; count<total && i>=sCol;i--){
             System.out.print(arr[eRow][i]+"   ");
            count++;
        }
        eRow--;
        for(int i=eRow; count<total && i>=sRow;i--){
            System.out.print(arr[i][sCol]+"   ");
            count++;
        }
        sCol++;
    }
```

```
3
4
3 6 9 9
1 8 6 6
3 3 7 1
```