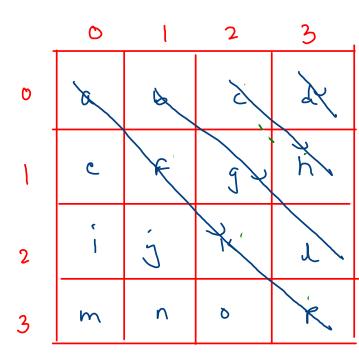
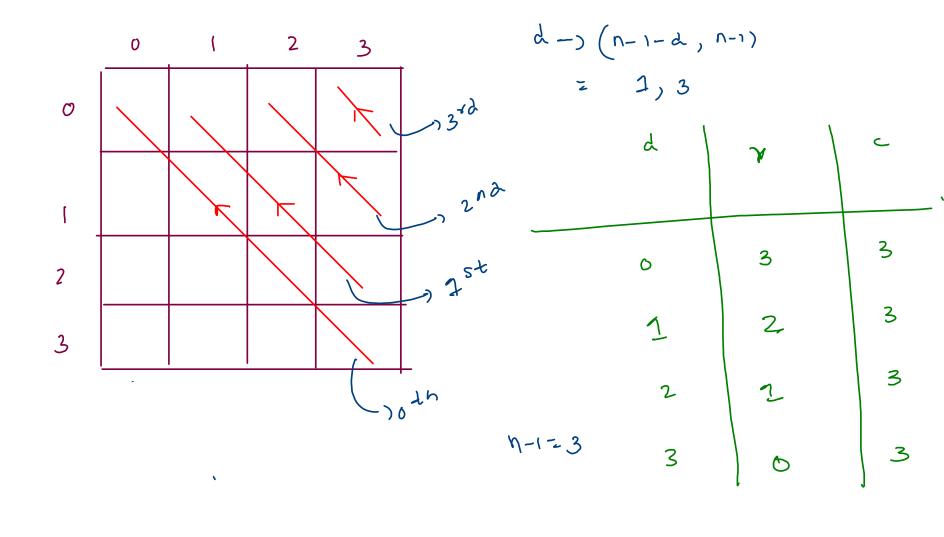
0 7 st oth dih-, (0, d) 2 3 4 diagonal select 0 6 d e Cols diagonal F row 1 K 2 J n 0 0 4 0 3 9 P 5 2 C V 4 ω X 0 3





100 (int d=0) d cn; d++) ? i)(d -> even) 2 else ? r=n-d-1, c=n-1, 8--, c-- gadde Price-fow-> min min = 11 min = 21 minc = 1 31~ saddle no point

min = 11 min = 21 min c = 3 min = 34 min = 34 min = -1

max = -00

= gntegor-MIN_VALUE

min = 0

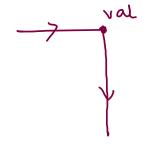
= gntegor-MAX_UALUE

```
3
                         2
          0
                                     mine zx 1
                                     minv=1311
-) 0
         13
                               14
                      12
                                     minc = 3
         22
                      24
                              21
                                      minu = 21
                                      minc = 1
         44
                34
                      43
                              40
                                      minv = 34
                       34
                              33
                32
         30
                                        issp=T
```

```
for(int r = 0; r < n;r++) {
   //find min element and its col in rth row
    int minc = 0;
    int minv = mat[r][0];
    for(int c = 1; c < n; c++) {
        if(mat[r][c] < minv) {</pre>
            minv = mat[r][c];
            minc = c;
    //minv is the maximum value in minc
    boolean isSP = true;
    for(int i=0; i < n;i++) {
        if(mat[i][minc] > minv) {
            isSP = false;
            break;
    if(isSP == true) {
        return minv;
```

3 4

target = 13



val < taget -> 7++
val > taget -> c--

Val = = taget

val < tanget -> 7++
val > tanget -> c-val = taget

taget = 13

```
//top right corner
int r = 0;
int c = mat[0].length - 1;

while(r < mat.length && c >= 0) {
    if(mat[r][c] == target) {
        System.out.println(r + "\n" + c);
        return;
    }
    else if(mat[r][c] < target) {
        r++;
    }
    else {
        c--;
    }
}
System.out.println("Not Found");</pre>
```

tapet = 63

	O	l	2	3
(1). to find potential row	ļ	3	5	7
2) to find target in Potential row-	10	[]	16	20
10a(m) + 1.g/r,)	23	30	34	60
100 (m~m) 3	62	63	65	68 Py:
4	71	72	79	80

Arraylist = Integer > list = now Arraylist= ();

