Print row wise with condition

(MXD)

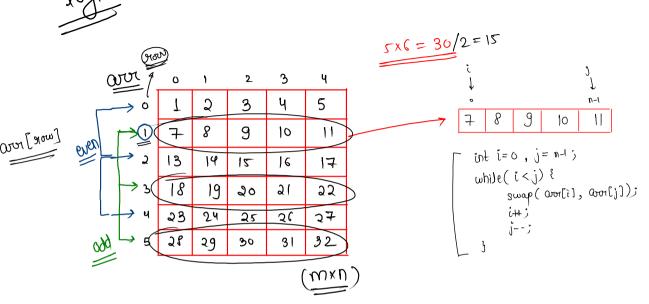
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	o		7	ر ک	3	Ч	5
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23	24	25	२ ६	27	
32	3।	30	29	28	

```
when only but the packersant) ( 23113)
```

```
public static void main(String[] args) {
    Scanner scn = new Scanner(System.in);
    int m = scn.nextInt();
    int n = scn.nextInt();
    int[][] arr = new int[m][n];
   for (int i = 0; i < m; i++) {
        for (int j = 0; j < n; j++) {
            arr[i][j] = scn.nextInt();
    printRowWise(arr, m, n);
public static void printRowWise(int[][] arr, int m, int n) {
    for (int i = 0; i < m; i++) {
        if ( i % 2 == 0 ) {
            for (int j = 0; j < n; j++) {
                System.out.print( arr[i][j] + " " );
        } else {
            for (int j = n - 1; j >= 0; j--) {
                System.out.print( arr[i][j] + " " );
        System.out.println();
}
```

Jogic



```
public static void main(String[] args) {
   Scanner scn = new Scanner(System.in);
   int m = scn.nextInt();
   int n = scn.nextInt():
   int[][] arr = new int[m][n];
   for (int i = 0; i < m; i++) {
       for (int j = 0; j < n; j++) {
           arr[i][i] = scn.nextInt():
   int[][] ans = printRowWise(arr, m, n);
   for (int i = 0; i < m; i++) {
       for (int j = 0; j < n; j++) {
           System.out.print(ans[i][j] + " ");
       System.out.println();
                                                                      T.C = O\left(\frac{m \times n}{2}\right)
public static int[][] printRowWise(int[][] arr, int m, int n) {
  for (int row = 0; row < m; row++) {</pre>
                                                                            = 0 (w*v)
             swap(arr[row], i, j);
                                                                    S. (= ()(1)
   return arr;
public static void swap(int[] arr, int i, int j) {
   int temp = arr[i];
   arr[i] = arr[j];
```

arr[j] = temp;

Convert 1-D Array to 2-D Array

Observation V.V index of indea of formula 20 array ID arrian element element idx/9, (0,0) (192) (0,1) found) idx%9 (Syra) $\rightarrow (0,2)$ **→** (0,3) (to find 2D index wing 1D index) \rightarrow (0,4) \rightarrow (1,0) $\longrightarrow (1/1)$ Jote:- \longrightarrow (1,2)(1,3) idx = i * 9 + i(1,4) (2,0)10 (to find ID index wing 20 indexes) 11 (1,2) (2,2) 12 (2,3)13 - (24) 14

```
T.C = O(n) \text{ or } O(p*q)

S.C = O(p*q)
```

```
public static void convert1dTo2d(int[] arr, int n, int p, int q) {
  int[][] ans = new int[p][q];
   -for (int idx = 0; idx < n; idx++) {
 int i = idx / q;
int j = idx % q;
ans[i][j] = arr[idx];
    // print
   -for (int i = 0; i < p; i++) {
 for (int j = 0; j < q; j++) {
        System.out.print(ans[i][j] + " ");
}</pre>
        System.out.println();
```