8) Divid M 1). Alteral Por Dototin of Amay 3'- Didd af, Aman

The Pallon ? 51 Factorial Challego - poses 61. Toggle & 2 Jumps 1. Swep in may

Print Alternate Row (15 July)

```
public static void main(String[] args) {
    /* Enter your code here. Read input from STDIN. Prin
    // input from user as per ques
    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();
    }
    printAlternateRows(arr);
}
public static void printAlternateRows(int[][] arr) {
    for (int i = 0; i < arr.length; i++) {
        for (int j = 0; j < arr[i].length; j++) {</pre>
            if (i % 2 == 0) {
                System.out.print(arr[i][j] + " ");
       if (i % 2 == 0) {
```

System.out.println();

Readability of cods

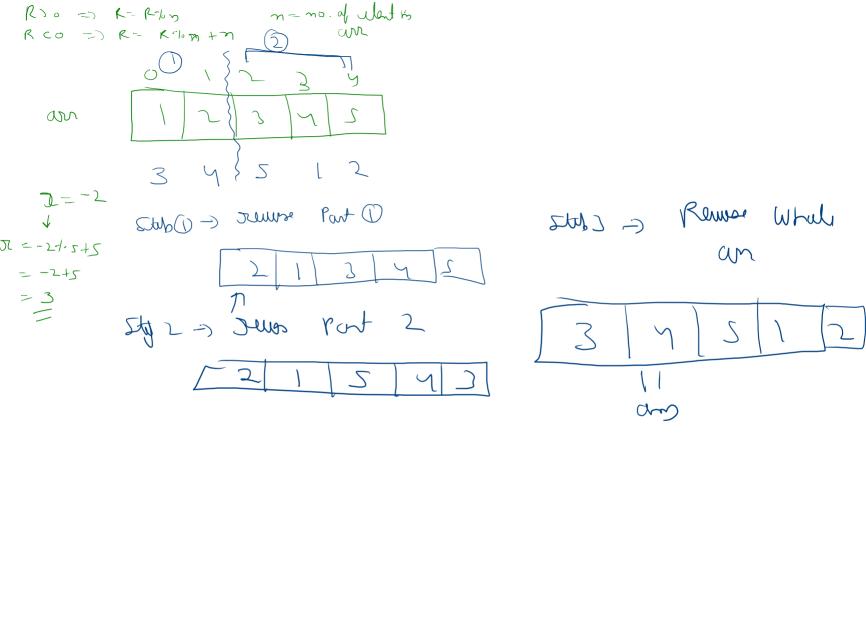
-> Modules -> duid in nethod -> Singly Restaurable

-> Praper comments

-> Good variable rome as fer noming conventions

-> Indostation -> Spaces IIU Statements

Rototion R-70/05 R=1 R-106 - R0/0501 R CO 1---(R>U)



Print the given pattern 3

$$SPay = - - + - + 0 = 0$$

$$SP_1 - n - 1$$

$$SP_2 - 1$$

$$SP_2 - 1$$

$$SP_2 + 2$$

```
int n = 5;
int os = n - 1;
int is = -1;
for (int row = 0; row < n; row++) {
    for (int sp = 1; sp <= os; sp++) {
        System.out.print(" ");
    System.out.print("*");
    for (int sp = 1; sp <= is; sp++) {
        System.out.print(" ");
    if (row != 0) {
        System.out.print("*");
    os--;
    is+=2;
    System.out.println();
```

Swap x y z

2 - 15

00 P

Y=5

7-10

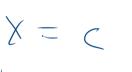
 $X = \Gamma$

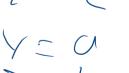
(- P

9-5 1 = 10









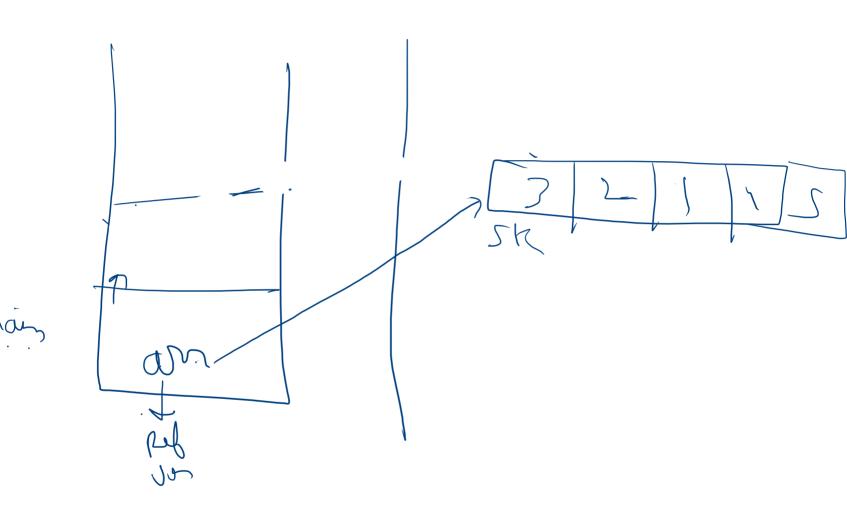








```
Scanner scn = new Scanner(System.in);
   int x = scn.nextInt();
    int y = scn.nextInt();
    int z = scn.nextInt();
    swap(x,y);
    swap(y,z);
    swap(z,x);
public static void swap(int
    int temp;
    temp = a;
    a=b;
    b=temp;
    System.out.println();
                                                    nah
```



OPS -> MCU'S

Gits lew Open Samo rated y Cithos of

OSA

112/0, Toggle and 2 jumps left ZIPNOT Chon > NO Alphabet IIP -> Churoda Tlp Chun

0 -> 16 (ch -> [a, A, b, D)) -> Sarry Onill ch notin (a, M, M, M) -> toyoh -> too Shill) a, 2 -> 97 -> 122

(Ch) → 16 (is Not charod (Ch)) → No alphabit

A, 2 -> GS 0-> 90 7 (Ch 7,9) 22 Ch = (22) 11 (Ch 7,65 22 Ch 5,98)

-) Charatur is letter com -> TIF

$$S \longrightarrow C \longrightarrow S - 32$$

$$S \longrightarrow A \longrightarrow 97 - 32 = 65 \longrightarrow A \longrightarrow a \longrightarrow 65 + 32$$

$$= 97$$

$$(4-)A = 97 - 32 = 65$$

$$= 97$$