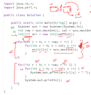
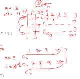
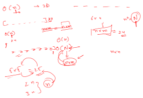
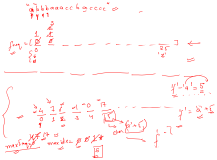


```
import java.io.*;
import java.util.*;

public class Solution {

    public static void main(String[] args) {
        Scanner scn = new Scanner(System.in);
        int row = scn.nextInt(), col = scn.nextInt();
        int[][] arr = new int[row][col];

        for(int r = 0; r < row; r ++) {
            for(int c = 0; c < col; c ++) {
                arr[r][c] = scn.nextInt();
            }
        }

        for(int r = 0; r < row; r += 2) {
            for(int c = 0; c < col; c ++) {
                System.out.print(arr[r][c] + " ");
            }
            System.out.println();
        }
    }
}
```


row = 3
col = 4
OA
JA
1 2 3 4
0
col-1
r = 0
c = 1 2 7 8 9 10
5


O(n)
→ 2D
24
n×m
6 × 4
n×m = 24
n² = N
O(n)
O(N)
n×m
5×5 = 25
2 n
3 n
n


"abbbaaaccbacccc"
freq = [
0
25
'z'
'f' - 'a' = 5
4 7 6 1 0 17
0 1 2 3 4 5
'f' = 'a' + 5
'a' + 5
char
'f' · ?
maxFreq = 17
maxIdx = 5

1 3 5 2 7
0 1 2 3 4
4 + 'a' = 'e'

maxFreq = 7

maxIdx = 4

'a' - 'a' = 0

'b' - 'a' = 1

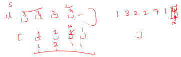
'c' - 'a' = 2

0 + 'a' = 'a'

1 + 'a' = 'b'

2 + 'a' = c

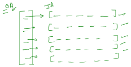
5 + 'a' = f


5
3 3 2 4
1 1 2 1
1 2 1 1
1 3 2 2 7 1 4

2D - Arrays

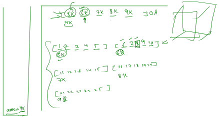
int [ ] arr = new int [5];

int [ ] [ ] arr = new int [5] [5]



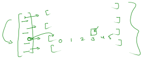
int [ ] [ ] arr = new int [5] [5];

arr [1] [2] = 8


5K 6K 7K 8K 9K
OA
4K
1 2 3 4 5
6 7 8 9 10
5K
6K
11 12 13 14 15
16 17 18 19 20
7K
8K
21 22 23 24 25
9K
arr = 4K

new int [4] [6]

arr [2] [3]



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