https://course.acciojob.com/idle?question=e29b89d0-21b2-49f0-a49d-331e326fc5a6

- EASY
- Max Score: 30 Points

Reverse Coding

As a part of its annual techno-cultural fest, NinjaCity will conduct a technical event, Decode, where it has given a matrix, and the participants have to decode it.

The participants are given a `n*m` matrix; they need to print the rows in reverse order. Do this for every row.

Among the participants, a participant named Ninja is new to programming and doesn't have much experience; he asks you to solve the problem. Can you help Ninja reverse all the rows in reverse order?

Input Format

The first line of input contains two numbers 'n' and 'm', denoting the number of rows and columns in the matrix.

The following 'n' lines of input contain 'm' integers of every row (separated by space).

Output Format

Print 'n' lines with each line consisting of 'm' integers. (row elements separated by space)

Example 1

Input

```
2 2
1 2
3 4
```

Output

```
2 1
4 3
```

Explanation

```
The first row is [1,2], which on reversing becomes [2,1].
The second row is [3,4], which on reversing becomes [4,3].
```

Example 2

Input

```
2 3
4 6 8
3 7 9
```

Output

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

Explanation

```
The first row is [4,6,8], which on reversing becomes [8,6,4].
The second row is [3,7,9], which on reversing becomes [9,7,3].
```

Constraints

1 <= n <= 400

1 <= m <= 400

0 <= mat[i][j] <= 100

Topic Tags

- Loops

My code

```
// n java
import java.util.*;
import java.lang.*;
import java.io.*;

public class Main
{
        public static void main (String[] args) throws
java.lang.Exception
        {
                //your code here
      Scanner s=new Scanner(System.in);
      int n=s.nextInt();
      int m=s.nextInt();      int arr[][]=new int [n][m];
      for(int i=0;i<n;i++)
        for(int j=0;j<m;j++)
  arr[i][j]=s.nextInt();

    for(int i=0;i<n;i++){
      for(int j=m;j>0;j--){
      System.out.print(arr[i][j-1]+" ");
      }
     System.out.print("\n");}
```

```
        }
    }
```