```java
//to find the transpose of a matrix
import java.util.Scanner;

class matrix{
    public static void main(String[] args){
        int m,n,i,j;
        Scanner sc = new Scanner(System.in);
        System.out.print("How many rows? ");
        m = sc.nextInt();
        System.out.print("How many columns? ");
        n = sc.nextInt();
        int matrix[][] = new int[m][n];
        int transpose[][] = new int[m][n];
        for(i=0;i<m;i++){
            for(j=0;j<n;j++){
                System.out.print("Enter number " +(i+1)+","+(j+1)+": ");
                matrix[i][j] = sc.nextInt();
            }
        }
        for(i=0;i<m;i++){
            for(j=0;j<n;j++)
                transpose[i][j] = matrix[j][i];
        }
        for(i=0;i<m;i++){
            for(j=0;j<n;j++)
                System.out.print(transpose[i][j] + "\t");
            System.out.println();
        }

    }
}
```

Output:

```
Process started (PID=14040) >>>
How many rows? 3
How many columns? 3
Enter number 1,1: 1
Enter number 1,2: 2
Enter number 1,3: 3
Enter number 2,1: 4
Enter number 2,2: 5
Enter number 2,3: 6
Enter number 3,1: 7
Enter number 3,2: 8
Enter number 3,3: 9
1       4       7
2       5       8
3       6       9
<<< Process finished (PID=14040). (Exit code 0)
================ READY ================
```