```java
/*Develop a Java program to find the transpose of a given matrix of order MXN.*/
import java.util.Scanner;
class trans{
    public static void main(String args[]){
        int i,j;
        Scanner ss=new Scanner(System.in);
        System.out.println("Enter the order of the matrix:");
        System.out.print("m=");
        int m=ss.nextInt();
        System.out.println("");
        System.out.print("n=");
        int n=ss.nextInt();
        int a[][]=new int[m][n];
        int b[][]=new int[n][m];
        System.out.println("Enter the elements of the matrix");
        for(i=0;i<m;i++){
            for(j=0;j<n;j++){
                System.out.print("a["+i+"]["+j+"]=");
                a[i][j]=ss.nextInt();
            }
        }
        for(i=0;i<m;i++){
            for(j=0;j<n;j++){
                b[j][i]=a[i][j];
            }
        }
        System.out.println("The transpose of the given matrix is:");
        for(i=0;i<n;i++){
            for(j=0;j<m;j++){
                System.out.print(b[i][j] + " ");
            }
            System.out.println();
        }
    }
}
```

Command Prompt

```
C:\Program Files\Java\bin\basic>javac transpose.java

C:\Program Files\Java\bin\basic>java trans
Enter the order of the matrix:
m=2

n=3
Enter the elements of the matrix
a[0][0]=1
a[0][1]=3
a[0][2]=5
a[1][0]=7
a[1][1]=9
a[1][2]=0
The transpose of the given matrix is:
1 7
3 9
5 0

C:\Program Files\Java\bin\basic>
```