

Main.java

```
1 import java.util.*;
2 class Main
3 {
4     public static void main(String args[])
5     {
6         Scanner sc=new Scanner(System.in);
7         int original[][]=new int[3][3];
8         int transpose[][]=new int[3][3];
9         System.out.println("Enter elements of matrix");
10        for(int i=0;i<3;i++)
11        {
12            for(int j=0;j<3;j++)
13            {
14                original[i][j]=sc.nextInt();
15            }
16        }
17        for(int i=0;i<3;i++)
18        {
19            for(int j=0;j<3;j++)
20            {
21                transpose[i][j]=original[j][i];
22            }
23        }
24        System.out.println("Printing Matrix without transpose:");
25        for(int i=0;i<3;i++)
26        {
27            for(int j=0;j<3;j++)
28            {
29                System.out.print(original[i][j]+" ");
30            }
31            System.out.println();
32        }
33        System.out.println("Printing Matrix After Transpose:");
```

```
34     for(int i=0;i<3;i++)
35     {
36         for(int j=0;j<3;j++)
37         {
38             System.out.print(transpose[i][j]+" ");
39         }
40         System.out.println();
41     }
42 }
43 }
```