

```
1 import java.util.*;
2 import java.io.*;
3 public class question51
4 {
5     public static void main(String args[])
6     {
7         int mat1[][]={{1,3},{4,4}};
8         int mat2[][]={{2,2},{3,0}};
9         int mat3[][]=new int[2][2];
10        for(int i=0;i<mat3.length;i++)
11        {
12            for(int j=0;j<mat3.length;j++)
13            {
14                mat3[i][j]=mat1[i][j]+mat2[i][j];
15                System.out.print(mat3[i][j]);
16            }
17            System.out.println();
18        }
19    }
20 }
```