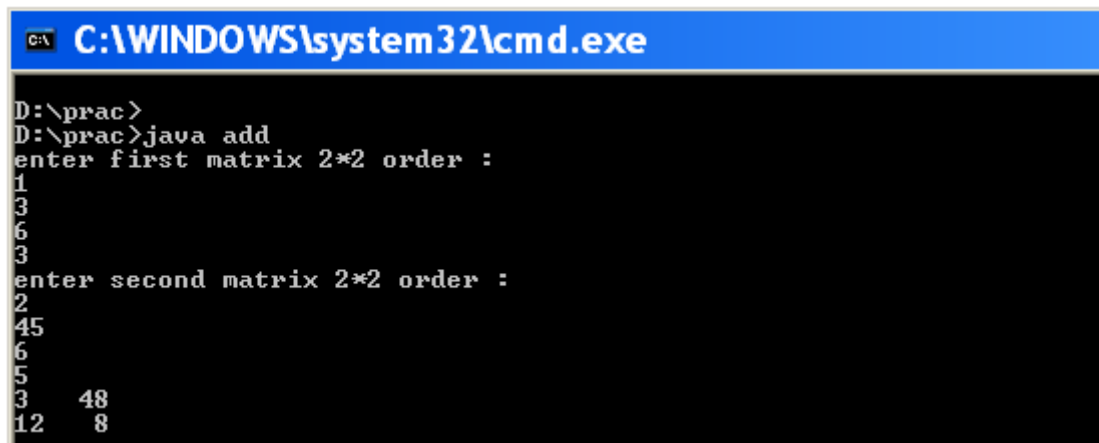


```
        /**** Program to Add Two Matrices ****/  
  
import java.lang.*;  
import java.io.*;  
  
class addmatrix  
{  
    static void add()  
    {  
        int a[][] , b[][] , c[][];  
  
        a = new int[2][2];  
        b = new int[2][2];  
        c = new int[2][2];  
  
        DataInputStream dts=new DataInputStream(System.in);  
        try  
        {  
            System.out.println("enter first matrix  
                                2*2 order :");  
  
            for(int i=0;i<2;i++)  
            {  
                for(int j=0;j<2;j++)  
                {  
                    a[i][j]=Integer.parseInt(dts.readLine());  
                }  
            }  
            System.out.println("enter second matrix  
                                2*2 order :");  
  
            for(int i=0;i<2;i++)  
            {  
                for(int j=0;j<2;j++)
```

```
        {
            b[i][j]=Integer.parseInt(dts.readLine());
        }
    }
    for(int i=0;i<2;i++)
    {
        for(int j=0;j<2;j++)
        {
            c[i][j]=a[i][j]+b[i][j];
        }
    }
    for(int i=0;i<2;i++)
    {
        for(int j=0;j<2;j++)
        {
            System.out.print(c[i][j]+" ");
        }
        System.out.println("\t");
    }
}
catch(Exception x)
{
    System.out.println("error");
}
}
public static void main(String arg[])
{
    add();
}
}
```

Output :



```
C:\WINDOWS\system32\cmd.exe
D:\prac>
D:\prac>java add
enter first matrix 2*2 order :
1
3
6
3
enter second matrix 2*2 order :
2
45
6
5
3      48
12     8
```