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11.import java.util.Scanner;

class addmat
{
    public static void main(String args[])
    {
        Scanner input=new Scanner(System.in);

        int a[][]=new int[5][5];
        int b[][]=new int[5][5];
        int c[][]=new int[5][5];

        System.out.print("Enter the elements of matrix1:");
        for(int i=0;i<2;i++)
        {
            for(int j=0;j<2;j++)
            {
                a[i][j]=input.nextInt();
            }
        }

        System.out.print("Enter the elements of matrix2:");
        for(int i=0;i<2;i++)
        {
            for(int j=0;j<2;j++)
            {
                b[i][j]=input.nextInt();
            }
        }

        for(int i=0;i<2;i++)
        {
            for(int j=0;j<2;j++)
            {
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        c[i][j]=a[i][j]+b[i][j];
    }
}
System.out.print("Addition of matrix:\n");
for(int i=0;i<2;i++)
{
    for(int j=0;j<2;j++)
    {
        System.out.print((c[i][j])+"\t");
    }
    System.out.print("\n");
}
}
}

```

Output		Clear
▲	<pre> java -cp /tmp/0zs2naE00T addmat  Enter the elements of matrix1:12 34 56 78 Enter the elements of matrix2:12 34 56 78 Addition of matrix: 24  68  112 156 </pre>	