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1/*Aim : Write a program in java to perform Matrix Addition
5package pkg3;
6import java.util.*;
7public class MatrixAddition {
8    public static void main(String[] args) {
9        System.out.println("~A PROJECT BY KASHISH GUPTA");
10        int add[][] = new int[3][3];
11        int set1[][] = new int[3][3];
12        int set2[][] = new int[3][3];
13        int i,j;
14        Scanner sc =new Scanner(System.in);
15        System.out.println("Start the program : ");
16        System.out.println("Enter the first 3x3 matrix :");
17        for(i=0;i<3;i++)
18        {
19            for(j=0;j<3;j++)
20            {
21                set1[i][j]=sc.nextInt();
22            }
23        }
24        System.out.println("Enter the second 3x3 matrix:");
25        for(i=0;i<3;i++)
26        {
27            for(j=0;j<3;j++)
28            {
29                set2[i][j]=sc.nextInt();
30            }
31        }
32        System.out.println("The first 3X3 matrix is : ");
33        for (i=0 ; i<3 ; i++)
34        {
35            for (j=0 ; j<3 ; j++)
36            {
37                System.out.print(set1[i][j]+"\\t");
38            }
39            System.out.println(" ");
40        }
41        System.out.println("The second 3X3 matrix is : ");
42        for (i=0 ; i<3 ; i++)
43        {
44            for (j=0 ; j<3 ; j++)
45            {
46                System.out.print(set2[i][j]+"\\t");
47            }
48            System.out.println(" ");
49        }
50        System.out.println(" ");
51        for(i=0;i<3;i++)
52        {
53            for(j=0;j<3;j++)
54            {
55                add[i][j] = set1[i][j] + set2[i][j];
56            }
57        }
58        System.out.println("The resultant addition 3X3 matrix is :");
59        for (i=0 ; i<3 ; i++)
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61      {
62          for (j=0 ; j<3 ; j++)
63              {
64                  System.out.print(add[i][j]+"\\t");
65              }
66          System.out.println(" ");
67      }
68  }
69 }
70
```