```java
import java.io.*;

public class question46
{
    public static void main(String args[])
    {
        int arr[][]={{1,1,-1},{1,2,0},{-1,0,5}};

        //row wise sum
        for(int i=0;i<3;i++)
        {
            int sum=0;
            for(int j=0;j<3;j++)
            {
                sum+=arr[i][j];
            }
            System.out.println("Sum of row "+i+"="+sum);
        }

        //column wise sum
        for(int i=0;i<3;i++)
        {
            int sum=0;
            for(int j=0;j<3;j++)
            {
                sum+=arr[j][i];
            }
            System.out.println("Sum of column "+i+"="+sum);
        }

    }
}
```