

```

import java.util.*;

public class PatternPrintingForNCommaSeperatedValues
{
    public static void main(String[] args)
    {
        Scanner s=new Scanner(System.in);
        String in=s.next();
        String sp[]=in.split(",");
        int arr[]=new int[sp.length];
        for(int i=0;i<sp.length;i++)
            arr[i]=Integer.parseInt(sp[i]);
        int n=1,f=0;
        while(f!=1)
        {
            if(2*sp.length==(n*n+n))
                f=1;
            if(f!=1)
                n++;
        }
        for(int i=0,j=1;i<n&& j<=n;i++,j++)
        {
            int len=n,temp=i;
            for(int k=0;k<j;k++)
            {
                System.out.print(arr[temp]+" ");
                len--;
                temp+=len;
            }
            System.out.println();
        }
    }
}

```