```java
/**
   A PROGRAM TO FIND SERIES OF CONSECUTIVE NUMBERS WHICH ADD UP TO THE
NUMBER INPUTED.
 */
//SUCHIT TE XII A
import java.util.*;
public class ConsecutiveAdd
{
    public static void main()
    {
        Scanner sc = new Scanner(System.in);
        System.out.println("A PROGRAM TO FIND SERIES OF CONSECUTIVE NU
MBERS WHICH ADD UP TO THE NUMBER INPUTED");
        System.out.println("ENTER A NUMBER :");
        int num=sc.nextInt();
        for(int i=1;i<num;i++)
        {
            int sum=i;
            for(int j=(i+1);j<=num;j++)
            {
                sum=sum+j;
                if(sum==num)
                {
                    for(int k=i;k<=j;k++)
                    {
                        if(k!=j)
                        {
                            System.out.print(k+"+");
                        }
                        else
                        {
                            System.out.print(k+"="+" "+sum);
                        }
                    }
                    System.out.println();
                    break;
                }
                else
                {
                    continue;
                }
            }
        }
    }
}
```