```
/**
2
      A PROGRAM TO FIND SERIES OF CONSECUTIVE NUMBERS WHICH ADD UP TO THE
3
   NUMBER INPUTED.
   //SUCHIT TE XII A
5
   import java.util.*;
6
   public class ConsecutiveAdd
7
8
        public static void main()
9
10
        {
            Scanner sc = new Scanner(System.in);
11
            System.out.println("A PROGRAM TO FIND SERIES OF CONSECUTIVE NU
12
   MBERS WHICH ADD UP TO THE NUMBER INPUTED");
            System.out.println("ENTER A NUMBER :");
13
            int num=sc.nextInt();
14
            for(int i=1;i<num;i++)</pre>
15
16
                 int sum=i;
17
                 for(int j=(i+1);j<=num;j++)</pre>
19
                     sum=sum+j;
20
                     if(sum==num)
21
22
                          for(int k=i;k<=j;k++)</pre>
23
24
                              if(k!=j)
25
26
                               {
                                   System.out.print(k+"+");
27
                               }
28
                              else
29
30
                               {
                                   System.out.print(k+"="+" "+sum);
31
                               }
32
33
                          System.out.println();
34
                          break;
35
                      }
36
37
                      else
38
                      {
                          continue;
39
40
                      }
                 }
41
            }
42
        }
43
   }
44
45
```