

```
1  /* Problem 6--Roman Noses
2     ASCII Art.  Nothing really complicated about this one. */
3
4  import java.io.*;
5  import java.util.*;
6
7  public class prob6 {
8
9     private static Scanner in;
10    private static PrintWriter out;
11    private static int cs;
12
13    public static void main (String[] args) throws Exception {
14
15        in = new Scanner (new File ("prob6.in"));
16        out = new PrintWriter ("prob6.out");
17        int sz = 0;
18        cs = 1;
19        while (true) {
20            sz = in.nextInt();
21            if (sz==0) break;
22            out.printf ("Case %d:\r\n",cs++);
23            Draw (sz); //Draw the nose
24        }
25        in.close ();
26        out.close ();
27    }
28
29    //Draw draws the nose
30    public static void Draw (int sz) throws Exception {
31
32        for (int i=0; i < sz; i++) {
33            out.printf ("|"); //The vertical and diagonal part
34            for (int j=0; j < i; j++) out.printf (" ");
35            out.printf ("\r\n");
36        } //The horizontal part
37        for (int i=0; i < sz+1; i++) out.printf ("-");
38        out.printf ("\r\n\r\n");
39    }
40
41
42 }
43
```