

E - 24

Input: standard input

Output: standard output

Hey, every show needs a logo, right? One of the great things about Jack Bauer is that it always takes exactly twenty-four hours to save the world. Given a size, you are to draw a 24 logo of that size.

Input

You will be given a set of input cases, each of which will be an unsigned decimal integer not exceeding 100. The last case will be 0. The 0 is not to be processed; it merely signals the end of input. There may be any number of spaces and <EOLN>'s before, after, or between the input cases.

Output

The output cases should appear in the same order as the input cases. A complete specification would be pointless; just follow the example. Some things to observe, though: No printed line should contain trailing spaces, and an extra <EOLN> follows each output case.

Sample Input

```
1 2 3 0<EOLN>
<EOF>
```

Sample Output

```
--<EOLN>
|  ||<EOLN>
--  --<EOLN>
|   |<EOLN>
--<EOLN>
<EOLN>
----<EOLN>
  |   |  |<EOLN>
  |   |  |<EOLN>
----  ----<EOLN>
|           |<EOLN>
|           |<EOLN>
----<EOLN>
<EOLN>
-----<EOLN>
      |       |   |<EOLN>
      |       |   |<EOLN>
      |       |   |<EOLN>
```

```
-----<EOLN>
|<EOLN>
|<EOLN>
|<EOLN>
-----<EOLN>
<EOLN>
<EOF>
```