

Problem 3—Waylon Smithers Or Maggie Simpson?

When Mr. Burns was shot, he placed his hands toward two points of the compass to indicate his would-be assassin? Who shot Mr. Burns? Who? You are to draw these compass points of the specified size.

INPUT SPECIFICATION. The input file is divided into a number of cases. Each case consists of an unsigned decimal integer indicating the size of the drawing. A 0 follows the last case (which is not to be processed). There may be any number of spaces or <EOLN>'s before, after or between these cases and the terminating 0.

OUTPUT SPECIFICATION. A full output specification would be pointless. Just follow the example. Note that no line ends with a trailing space. The case numbers correspond to the case number of the input, not the input size (even though they are the same in the sample below). Each case ends with an extra <EOLN>.

SAMPLE INPUT.

```
1•2•3<EOLN>
0<EOLN>
<EOF>
```

SAMPLE OUTPUT.

```
Case•1 :<EOLN>
W<EOLN>
•S<EOLN>
<EOLN>
Case•2 :<EOLN>
WW<EOLN>
WW<EOLN>
••SS<EOLN>
••SS<EOLN>
<EOLN>
Case•3 :<EOLN>
WWW<EOLN>
WWW<EOLN>
WWW<EOLN>
•••SSS<EOLN>
•••SSS<EOLN>
•••SSS<EOLN>
<EOLN>
<EOF>
```