Problem 1—UND

Professor Plum likes it when MICS is hosted by the University of North Dakota since they hosted the first Symposium in 1967. He wants you to write a program to generate ASCII art printing "UND" vertically for a sign to hang on his door. Since he is unsure of the door's dimensions, he wants your program to take as input a positive integer scaling factor. The first several scaling factors with corresponding letter dimensions (height x width) are specified by the following table:

| Scaling | U and N Letter | D Letter Dimension | Line Width of | Blank Lines | Blank Lines |
|---------|---------------------|--------------------|----------------|-----------------|-----------------|
| Factor | Dimension | (# characters × # | Letters | Between Letters | Between Letters |
| | (# chars × # chars) | characters) | (# characters) | U and N | N and D |
| 1 | 3×5 | 4 × 5 | 1 | 1 | 0 |
| 2 | 5 × 10 | 6 × 10 | 2 | 2 | 1 |
| 3 | 7 × 15 | 8 × 15 | 3 | 3 | 2 |
| 4 | 9 × 20 | 10×20 | 4 | 4 | 3 |
| 5 | 11 × 25 | 12 × 25 | 5 | 5 | 4 |

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| A scaling factor of 2 would produce | ce: |
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| \\ | |
| \\ | |

A scaling factor of 1 would produce:

Input Format

The input contains a single line with a positive integer scaling factor for the sign.

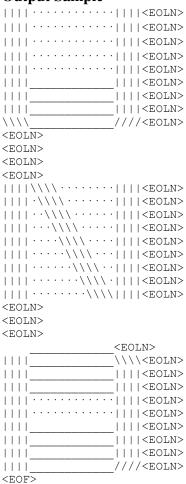
Output Format

The output should contain the ASCII art for the sign corresponding to the scaling factor specified by the input.

Input Sample

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Output Sample



- ← NOTICE THE DOTS (' · ') REPRESENT BLANK SPACES
- ← AND <EOLN> REPRESENTS END-OF-LINE.
- ← THERE SHOULD BE NO DOTS AND "<EOLN>" STRINGS IN
- **←** YOUR ACTUAL OUTPUT