
Big Numbers

Program Name: numbers.java

Input File: numbers.in

Your programming teacher has just asked you to write a program to manipulate, “big numbers.” Since you're feeling snarky, you decide to interpret the instructions literally by writing a program that displays numbers in a really big font:

```
1  22222 33333 4  4  55555 66666 77777 88888 99999 00000
11      2      3 4  4  5      6      7 8  8 9  9 0  0
1  22222  333 44444 55555 66666      7 88888 99999 0  0
1  2      3      4      5 6  6      7 8  8      9 0  0
11111 22222 33333      4 55555 66666      7 88888 99999 00000
```

Input

The first line of input will consist of a single integer, n , indicating how many numbers are to be displayed. The following n lines will each contain a single non-negative integer that is to be displayed in the really big font. These integers will consist of up to ten digits.

Output

Output each of the numbers on its own set of 5 lines, using the format displayed in the introduction. Note that each digit is 5x5 and that they are separated by a column of spaces of width 1.

Example Input File

```
3
1234567890
0
1
```

Example Output To Screen

```
1  22222 33333 4  4  55555 66666 77777 88888 99999 00000
11      2      3 4  4  5      6      7 8  8 9  9 0  0
1  22222  333 44444 55555 66666      7 88888 99999 0  0
1  2      3      4      5 6  6      7 8  8      9 0  0
11111 22222 33333      4 55555 66666      7 88888 99999 00000
00000
0  0
0  0
0  0
00000
1
11
1
1
11111
```