## **Problem 2 - Telegraph Printer**

You must implement a telegraphic printer. It consists of a "daisy wheel" made of the characters A-Z (all uppercase), 0-9, period, and space, in that order. There are two inputs. One input causes the daisy wheel to turn one notch (for example, from A to B). The other input tells the printer to print the current character.

Input will be provided as lines with three columns each. The first column represents the signal to turn the wheel. The second column is just a separator and will always contain a single space. The third column represents the signal to print. If the first column contains a "." character then the wheel must turn one notch. If the third column contains a "." then the current character is printed. Each line of input will only contain a single "." character. A line with a single "@" character signifies the end of the input.

The input assumes the wheel begins with "A" being the selected character. The wheel maintains its position when a character is printed.

## Sample Input

Sample Output

HI.