Write a program to read, reformat, and write a sequence of characters. The input includes a line-break character at arbitrary places; the output should include a line-break character just after each semicolon. Whenever the input includes two consecutive stars, or two stars separated only by line-breaks, the output should replace the two stars by an up-arrow. Other than that, the output should be identical to the input. Both input and output end with a special end-character.