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/*
 * mac.pc2unix
 */

/*
 * Synopsis: mac.pc2unix < mac_or_pc_PS_file > unix_PS_file
 */

/*
 * Any binary junk at the beginning of the file up to but not including the
 * first %! is deleted.
 *
 * Any sequence of only ^Ms (\r) and ^Js (\n) is converted into a single
 * ^J. Thus, besides converting from the Macintosh and PC ways of
 * delimiting lines to the UNIX way, unixifyps eliminates excess lines.
 */

#include <stdio.h>

main()
{
    char prev, curr;

    /* skip to first %! in input */
    if (( prev = getchar()) == EOF) {exit(0);}
    if (( curr = getchar()) == EOF) {exit(0);}

    while ( prev != '%' && curr != '!') {
        prev = curr;
        if ( ( curr = getchar() ) == EOF ) { exit(0);}
    }

    /* print the first %! and everything thereafter, converting ^Ms to ^Js,
    except for ^Ms or ^Js that immediately follow others */

    printf("%c%c", prev, curr);
    prev = curr;
    curr = getchar();

    while (curr != EOF) {
        switch (curr) {
            case('\r'):
            case('\n'): {
                if (prev != '\r' && prev != '\n') {
                    printf("\n");
                }
                break;
            }
            default: {
                printf("%c", curr);
                break;
            }
        } /* end switch */

        prev = curr;
        curr = getchar();
    } /* end while */

    exit(0);
}

```