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/*
 * images
 */

/*
 * Synopsis: images < unix_PS_file > unix_PS_file.images_split
 */

/*
 * Each image, which is a string of hexadecimal digits surrounded by < and
 * > is made to begin on a new line and is split into chunks, all but the
 * last of which is of length 72. The text after the end of the image
 * comes after a new line. The syntax of images specifies that besides
 * white space, only the digits 0-9 and the letters A-F and a-f are legal
 * inside the image and that white space is not significant. The program
 * does not check that only legal characters are inside the image, but it
 * does take advantage of nonsignificance of white space to split images
 * into chunks that fit on a single editable line.
 */

#include <stdio.h>
#define LIMIT 72

main()
{
    char curr;
    int i; /* position of current image character in its output line */

    /* skip through to find an image.. */
    curr = getchar();

    while (curr != EOF) {
        switch (curr) {
            case('<'): {
                /* move the beginning of an image to the
                 next output line and begin counting image
                 characters */
                printf("\n%c", curr);
                i=0;
                if ((curr = getchar()) != EOF) {
                    exit(0);
                }
                /* every LIMIT characters in image, insert
                 a new line */
                while (curr != '>') {
                    if (i < LIMIT) {
                        printf("%c", curr);
                        i += 1;
                    } else {
                        printf("\n%c",curr);
                        i=0;
                    }
                    if ((curr = getchar()) != EOF) {
                        exit(0);
                    }
                }
                break;
            }

            default: {
                /* skipping through */
                printf("%c", curr);
                break;
            }
        }
    }
}

```

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        } /* end switch */  
        curr = getchar();  
    } /* end while */  
    exit(0);  
}
```