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#include <stdio.h>
#include <stdlib.h>

struct Date_t {
    int day;
    char mon[4];
    int year;
    struct Date_t *next;
};
typedef struct Date_t Date;
void free_list(Date *head);

int main()
{
    Date *head = NULL;
    Date d, *tmp;
    while(scanf("%d %s %d", &d.day, d.mon, &d.year)==3) {
        tmp = malloc(sizeof(Date));
        if(tmp == NULL) {
            free_list(head);
            exit(1);
        }
        *tmp = d; /* It's possible to copy whole structs */
        tmp->next = head;
        head = tmp;
    }
    while(head) {
        printf("%d %s %d\n", head->day, head->mon, head->year);
        head = head->next;
    }
    free_list(head); /* this is a bug... */
    return 0;
}

void free_list(Date *head)
{
    Date *tmp;
    while(head) {
        tmp = head;
        head = head->next;
        free(tmp);
    }
}
```