

```
#include "part3.h"

int
main(int argc , char** argv )
{
    Appointment_t *Appointments;
    node_t* linked;
    node_t* Copy_linked_list;
    Working_hours_t hours;
    Files_t files;
    int number_of_deletes;
    char *change="change history";

    FILE *binary_input_file;

    int size=0,i;

    /* Get main arguments */
    get_main_arguments(argc,argv,&hours,&files);

    /* Reads all appointments in the records file */
    Appointments=getRequests(&files,&size);

    /* Builds and returns a linkedlist */
    linked=build_ll(Appointments,size,&hours);

    /* Write all appointments in the list into the accepted appointment file */
    write_accepted_app(linked,&files);

    /* Adds the corresponding name and history information to each appointment */
    add_personal_data(linked,&files);

    /****** Write after update *****/
    write_accepted_app(linked,&files);

    /* Deletes all records in the delete file from the linked list */
    number_of_deletes=delete_appointments(&linked,&files);

    /****** Write after delete *****/
    write_accepted_app(linked,&files);

    /* Makes an independent copy of the list given*/
    Copy_linked_list=make_independent_copy_ll(linked);

    /*Check independent copy*/

    strcpy(Copy_linked_list->history,change);

    printf("Copy linked list history: %s\n",Copy_linked_list->history);
    printf("Orginal linked list history: %s\n",linked->history);

    /* Frees all dynamically allocated memory in the list */
    free_list(linked);

    return 0;
}
```