```c
#include <stdio.h>
#include <string.h>
#include "ext2_func.h"
#include "shell.h"

int main(int argc,char **argv)
{
    char command[10],temp[9];
    initialize_memory();
    int flag = ext2_load();
    while(flag)
    {

        printf("%s$ ",current_path);
        scanf("%s",command);
        //printf("%s h\n",command);
        if(!strcmp(command,"cd")) //进入当前目录下
        {
            scanf("%s",temp);
            cd(temp);
        }
        else if(!strcmp(command,"mkdir"))  //创建目录
        {
            scanf("%s",temp);
            mkdir(temp,2);
        }
        else if(!strcmp(command,"touch"))     //创建文件
        {
            scanf("%s",temp);
            cat(temp,1);
        }

        else if(!strcmp(command,"rmdir"))  //删除空目录
        {
            scanf("%s",temp);
            rmdir(temp);
        }
        else if(!strcmp(command,"rm"))      //删除文件或目录，不提示
        {
            scanf("%s",temp);
            del(temp);
        }
```

```c
else if(!strcmp(command,"open"))     //打开一个文件
{
    scanf("%s",temp);
    open_file(temp);
}
else if(!strcmp(command,"close"))    //关闭一个文件
{
    scanf("%s",temp);
    close_file(temp);
}
else if(!strcmp(command,"read"))     //读一个文件
{
    scanf("%s",temp);
    read_file(temp);
}
else if(!strcmp(command,"write"))    //写一个文件
{
    scanf("%s",temp);
    write_file(temp);
}
else if(!strcmp(command,"ls"))       //显示当前目录
{
        ls();
}
else if(!strcmp(command,"reset"))    //显示帮助信息
{
        reset_password();
}
else if(!strcmp(command,"help"))     //显示帮助信息
{
        help();
}
else if(!strcmp(command,"chmod")) //修改文件权限
{
    char mod[4];
        scanf("%s",temp);
    scanf("%s",mod);
        chmod(temp,mod);
}
else if(!strcmp(command,"format"))   //格式化硬盘
{
    char tempch;
    printf("Format will erase all the data in the Disk\n");
```

```c
            printf("Are you sure?y/n:\n");
            fflush(stdin);
            scanf(" %c",&tempch);
            if(tempch=='Y'||tempch=='y')
            {
                format();
            }
            else
            {
                printf("Format Disk canceled\n");
            }
        }
        else if(!strcmp(command,"ckdisk"))  //检查硬盘
        {
                check_disk();
        }
        else if(!strcmp(command,"quit"))    //退出系统
        {
                break;
        }
        else {
            printf("No this Command,Please check!\n");
            printf("Type help to get more information\n");
            fflush(stdin);  //清空输入缓冲区
            continue;
        }
        getchar();
    }
    return 0;
}
```