CTDLGT01/03/TM **SOURCE**

#include<stdio.h>

#include<conio.h>

#include<windows.h>

#include <string.h>

#include<iomanip>

#include <stdlib.h>

#include <conio.h>

//Cac bien toan cuc

int SoLanSDQTG50\_50 = 0; //So lan su dung quyen tro giup 50:50

int SoLanSDQTGGDTCNT = 0; //So lan su dung quyen tro giup Goi dien thoai cho nguoi than

int SoLanSDQTGXYKKGTTQ = 0; //So lan su dung quyen tro giup Xin y kien khan gia tai truong quay

int SoLanSDQTGHTVTTQ= 0; //So lan su dung quyen tro giup Hoi to tu van o truong quay

//Cac ham giao dien

//Ham to mau

void TextColor(int x)

{

HANDLE mau;

mau=GetStdHandle(STD\_OUTPUT\_HANDLE);

SetConsoleTextAttribute(mau,x);

}

//Ham GoToXY

void gotoxy(short x, short y)

{

HANDLE hConsoleOutput;

COORD Cursor\_an\_Pos = { x, y };

hConsoleOutput = GetStdHandle(STD\_OUTPUT\_HANDLE);

SetConsoleCursorPosition(hConsoleOutput, Cursor\_an\_Pos);

}

struct CauTraLoi

{

char A[300];

char B[300];

char C[300];

char D[300];

};

struct DapAnCauHoi

{

char DA\_Dung[3];

char DA\_Sai\_1[3];

char DA\_Sai\_2[3];

};

struct DSCH

{

char CauHoi[300];

CauTraLoi TraLoi;

DapAnCauHoi DapAn;

};

typedef struct Node

{

DSCH data;

Node \*link;

};

typedef struct List

{

Node \*first;

Node \*last;

};

void init(List &l)

{

l.first=l.last=NULL;

}

Node \*GetNode(DSCH x)

{

Node \*p;

p = new Node;

if(p==NULL)

{

printf("Khong du bo nho\n");

return NULL;

}

p->data = x;

p->link = NULL;

return p;

}

void AddFirst(List &l, Node \*new\_ele)

{

if(l.first==NULL)

{

l.first = new\_ele;

l.last = l.first;

}

else

{

new\_ele->link = l.first;

l.first = new\_ele;

}

}

void InsertFirst(List &l, DSCH x)

{

Node \*new\_ele = GetNode(x);

if(new\_ele==NULL)

{

return;

}

AddFirst(l,new\_ele);

}

void AddLast(List &l, Node \*new\_ele)

{

if(l.first==NULL)

{

l.first = l.last = new\_ele;

}

else

{

l.last->link = new\_ele;

l.last = new\_ele;

}

}

void InsertLast(List &l, DSCH x)

{

Node \*new\_ele = GetNode(x);

if(new\_ele == NULL)

{

return;

}

AddLast(l,new\_ele);

}

int NhapMotCauHoi(DSCH &x)

{

TextColor(11);

printf("Nhap cau hoi: ");

fflush(stdin);

gets(x.CauHoi);

if(stricmp(x.CauHoi,"0")==0)

{

return 0;

}

TextColor(14);

printf("Nhap cau tra loi A: ");

fflush(stdin);

gets(x.TraLoi.A);

printf("Nhap cau tra loi B: ");

fflush(stdin);

gets(x.TraLoi.B);

printf("Nhap cau tra loi C: ");

fflush(stdin);

gets(x.TraLoi.C);

printf("Nhap cau tra loi D: ");

fflush(stdin);

gets(x.TraLoi.D);

TextColor(12);

printf("Nhap dap an dung: ");

fflush(stdin);

gets(x.DapAn.DA\_Dung);

printf("Nhap dap an sai thu nhat: ");

fflush(stdin);

gets(x.DapAn.DA\_Sai\_1);

printf("Nhap dap an sai thu hai: ");

fflush(stdin);

gets(x.DapAn.DA\_Sai\_2);

TextColor(14);

return 1;

}

void NhapDSCauHoi(List &l)

{

DSCH x;

TextColor(10);

printf("Nhap danh sach cau hoi\n");

TextColor(14);

int flag = NhapMotCauHoi(x);

while(flag)

{

InsertLast(l,x);

flag = NhapMotCauHoi(x);

}

TextColor(15);

printf("\Ket thuc nhap danh sach cau hoi\n");

TextColor(14);

}

void XuatMotCH(DSCH x)

{

TextColor(11);

printf("%s\n ",x.CauHoi);

TextColor(14);

printf("A.%s\n ",x.TraLoi.A);

TextColor(14);

printf("B.%s\n ",x.TraLoi.B);

TextColor(14);

printf("C.%s\n ",x.TraLoi.C);

TextColor(14);

printf("D.%s\n ",x.TraLoi.D);

TextColor(14);

}

void XuatDSCauHoi(List l)

{

Node \*p;

p=l.first;

while(p!=NULL)

{

XuatMotCH(p->data);

p=p->link;

}

}

void DocFileTextVaoMang(char s[], int speed)

{

FILE \*fp = fopen(s,"r");

while(!feof(fp))

{

Sleep(speed);

char ch = getc(fp);

printf("%c",ch);

if(GetAsyncKeyState(VK\_RIGHT))

{

fclose(fp);

return;

}

}

fclose(fp);

}

void GhiFile(List &l)

{

FILE \*fp;

fp = fopen("CauHoi.txt","a+");

Node \*p;

for(p = l.first ; p != NULL; p = p->link)

{

strcat(p->data.CauHoi,";");

fputs(p->data.CauHoi,fp);

strcat(p->data.TraLoi.A,";");

fputs(p->data.TraLoi.A,fp);

strcat(p->data.TraLoi.B,";");

fputs(p->data.TraLoi.B,fp);

strcat(p->data.TraLoi.C,";");

fputs(p->data.TraLoi.C,fp);

strcat(p->data.TraLoi.D,";");

fputs(p->data.TraLoi.D,fp);

strcat(p->data.DapAn.DA\_Dung,";");

fputs(p->data.DapAn.DA\_Dung,fp);

strcat(p->data.DapAn.DA\_Sai\_1,";");

fputs(p->data.DapAn.DA\_Sai\_1,fp);

strcat(p->data.DapAn.DA\_Sai\_2,";");

fputs(p->data.DapAn.DA\_Sai\_2,fp);

}

TextColor(30);

printf("Ghi file thanh cong\n");

TextColor(14);

fclose(fp);

}

void CapNhatFile(List &l)

{

FILE \*fp;

fp = fopen("CauHoi.txt","w");

Node \*p;

for(p = l.first ; p != NULL; p = p->link)

{

strcat(p->data.CauHoi,";");

fputs(p->data.CauHoi,fp);

strcat(p->data.TraLoi.A,";");

fputs(p->data.TraLoi.A,fp);

strcat(p->data.TraLoi.B,";");

fputs(p->data.TraLoi.B,fp);

strcat(p->data.TraLoi.C,";");

fputs(p->data.TraLoi.C,fp);

strcat(p->data.TraLoi.D,";");

fputs(p->data.TraLoi.D,fp);

strcat(p->data.DapAn.DA\_Dung,";");

fputs(p->data.DapAn.DA\_Dung,fp);

strcat(p->data.DapAn.DA\_Sai\_1,";");

fputs(p->data.DapAn.DA\_Sai\_1,fp);

strcat(p->data.DapAn.DA\_Sai\_2,";");

strcat(p->data.DapAn.DA\_Sai\_2,"\n");

fputs(p->data.DapAn.DA\_Sai\_2,fp);

}

TextColor(30);

printf("Cap nhat thanh cong\n");

TextColor(14);

fclose(fp);

}

bool KiemTraPhuongAnDungSai(char PA\_Dung[], char PA\_TraLoi[])

{

if(stricmp(PA\_Dung,PA\_TraLoi)==0)

{

return true;

}

return false;

}

void XuatKetQuaDungSai(bool x)

{

if(x == true)

{

TextColor(30);

printf("\*Chuc mung ban da da tra loi dung\*\n\n");

TextColor(14);

}

else

{

TextColor(79);

printf("Rat tiec ban da da tra loi sai, phan choi cua ban da ket thuc!\n\n");

TextColor(14);

}

}

double TinhThangTienThuong(int SoCauTraLoiDung)

{

double TienThuong = 200000;

if(SoCauTraLoiDung == 1)

{

TienThuong = 200000;

}

if(SoCauTraLoiDung == 2)

{

TienThuong = 400000;

}

if(SoCauTraLoiDung == 3)

{

TienThuong = 600000;

}

if(SoCauTraLoiDung == 4)

{

TienThuong = 1000000;

}

if(SoCauTraLoiDung == 5)

{

TienThuong = 2000000;

}

if(SoCauTraLoiDung == 6)

{

TienThuong = 3000000;

}

if(SoCauTraLoiDung == 7)

{

TienThuong = 6000000;

}

if(SoCauTraLoiDung == 8)

{

TienThuong = 10000000;

}

if(SoCauTraLoiDung == 9)

{

TienThuong = 14000000;

}

if(SoCauTraLoiDung == 10)

{

TienThuong = 22000000;

}

if(SoCauTraLoiDung == 11)

{

TienThuong = 30000000;

}

if(SoCauTraLoiDung == 12)

{

TienThuong = 40000000;

}

if(SoCauTraLoiDung == 13)

{

TienThuong = 60000000;

}

if(SoCauTraLoiDung == 14)

{

TienThuong = 85000000;

}

if(SoCauTraLoiDung == 15)

{

TienThuong = 150000000;

}

return TienThuong;

}

char MenuChonQuyenTroGiup()

{

TextColor(11);

printf("\n\t\t\tMENU TRO GIUP");

printf("\n\tBam phim (1) de chon quyen tro giup 50:50\n");

printf("\n\tBam phim (2) de chon quyen tro giup Goi dien thoai cho nguoi than\n");

printf("\n\tBam phim (3) de chon quyen tro giup Xin y kien khan gia truong quay\n");

printf("\n\tBam phim (4) de chon quyen tro giup Hoi to tu van o truong quay\n");

TextColor(14);

fflush(stdin);

char chon = getch();

if((chon != '1') && (chon != '2') && (chon != '3') && (chon != '4'))

{

do{

TextColor(241);

printf("Du lieu nhap vao khong hop le. Vui long nhap lai theo dung ky tu (1) (2) (3) (4) ung voi quyen tro giup ban muon chon:\n");

TextColor(14);

fflush(stdin);

chon = getch();

}while((chon != '1') && (chon != '2') && (chon != '3') && (chon != '4'));

}

if((SoLanSDQTG50\_50>=1) && (SoLanSDQTGGDTCNT>=1) && (SoLanSDQTGXYKKGTTQ>=1) && (SoLanSDQTGHTVTTQ>=1))

{

chon = '0';

return chon;

}

if(chon == '1')

{

SoLanSDQTG50\_50++;

if(SoLanSDQTG50\_50==1)

{

return chon;

}

chon = '5';

}

if(chon == '2')

{

SoLanSDQTGGDTCNT++;

if(SoLanSDQTGGDTCNT==1)

{

return chon;

}

chon = '5';

}

if(chon == '3')

{

SoLanSDQTGXYKKGTTQ++;

if(SoLanSDQTGXYKKGTTQ==1)

{

return chon;

}

chon = '5';

}

if(chon == '4')

{

SoLanSDQTGHTVTTQ++;

if(SoLanSDQTGHTVTTQ==1)

{

return chon;

}

chon = '5';

}

return chon;

}

int BatDauTraLoi(List l)

{

char k[2];

int dem =0;

Node \*p = l.first;

int SoThuTuCau = 1;

while((p != NULL) && (dem <= 15))

{

TextColor(10);

printf("Cau hoi %d:\n",SoThuTuCau);

TextColor(11);

XuatMotCH(p->data);

TextColor(12);

printf("Nhap cau tra loi: ");

fflush(stdin);

gets(k);

TextColor(14);

if((stricmp(k,"A")!=0) && (stricmp(k,"B")!=0) && (stricmp(k,"C")!=0) && (stricmp(k,"D")!=0) && (stricmp(k,"H")!=0) && (stricmp(k,"R")!=0))

{

do{

TextColor(241);

printf("Du lieu nhap vao khong hop le. Vui long nhap lai dap an ban chon theo dung ky tu (A) (B) (C) (D) ung voi phuong an muon chon / (H) de chon quyen tro giup / (R) de dung cuoc choi va bao toan so tien thuong: ");

TextColor(12);

fflush(stdin);

gets(k);

TextColor(14);

}while((stricmp(k,"A")!=0) && (stricmp(k,"B")!=0) && (stricmp(k,"C")!=0) && (stricmp(k,"D")!=0) && (stricmp(k,"H")!=0) && (stricmp(k,"R")!=0));

}

//Su dung quyen tro giup

if(stricmp(k,"H")==0)

{

char choice = MenuChonQuyenTroGiup();

switch(choice)

{

case '1': {

printf("Dap an %s va dap an %s la hai dap an sai\n",p->data.DapAn.DA\_Sai\_1,p->data.DapAn.DA\_Sai\_2);

break;

}

case '2': {

printf("Dap an %s la dap an dung\n",p->data.DapAn.DA\_Dung);

break;

}

case '3': {

printf("Phuong an duoc nhieu khan gia trong truong quay chon nhat la: %s\n",p->data.DapAn.DA\_Dung);

break;

}

case '4': {

printf("Phuong an duoc nhieu khan gia trong to tu van chon nhat la: %s\n",p->data.DapAn.DA\_Dung);

break;

}

case '5': {

TextColor(244);

printf("Quyen tro giup nay da duoc chon truoc do. Vui long chon quyen tro giup khac\n");

TextColor(14);

break;

}

default: {

TextColor(237);

printf("Tinh nang ban chon chua duoc cap nhat hoac ban da het quyen tro giup\n");

TextColor(14);

break;

}

}

TextColor(12);

printf("Nhap cau tra loi: ");

fflush(stdin);

gets(k);

TextColor(14);

if((stricmp(k,"A")!=0) && (stricmp(k,"B")!=0) && (stricmp(k,"C")!=0) && (stricmp(k,"D")!=0) && (stricmp(k,"H")!=0))

{

do{

TextColor(241);

printf("Du lieu nhap vao khong hop le. Vui long nhap lai dap an ban chon theo dung ky tu (A) (B) (C) (D) ung voi phuong an muon chon / (H) ung voi chuc nang chon quyen tro giup:\n");

TextColor(12);

fflush(stdin);

gets(k);

TextColor(14);

}while((stricmp(k,"A")!=0) && (stricmp(k,"B")!=0) && (stricmp(k,"C")!=0) && (stricmp(k,"D")!=0) && (stricmp(k,"H")!=0));

}

if(stricmp(k,"H")==0)

{

do{

char choice = MenuChonQuyenTroGiup();

switch(choice)

{

case '1': {

printf("Dap an %s va dap an %s la hai dap an sai\n",p->data.DapAn.DA\_Sai\_1,p->data.DapAn.DA\_Sai\_2);

break;

}

case '2': {

printf("Dap an %s la dap an dung\n",p->data.DapAn.DA\_Dung);

break;

}

case '3': {

printf("Phuong an duoc nhieu khan gia trong truong quay chon nhat la: %s\n",p->data.DapAn.DA\_Dung);

break;

}

case '4': {

printf("Phuong an duoc nhieu khan gia trong to tu van chon nhat la: %s\n",p->data.DapAn.DA\_Dung);

break;

}

case '5': {

TextColor(244);

printf("Quyen tro giup nay da duoc chon truoc do. Vui long chon quyen tro giup khac\n");

TextColor(14);

break;

}

default: {

TextColor(237);

printf("Tinh nang ban chon chua duoc cap nhat hoac ban da het quyen tro giup\n");

TextColor(14);

break;

}

}

TextColor(12);

printf("Nhap cau tra loi: ");

fflush(stdin);

gets(k);

TextColor(14);

if((stricmp(k,"A")!=0) && (stricmp(k,"B")!=0) && (stricmp(k,"C")!=0) && (stricmp(k,"D")!=0) && (stricmp(k,"H")!=0))

{

do{

TextColor(241);

printf("Du lieu nhap vao khong hop le. Vui long nhap lai dap an ban chon theo dung ky tu (A) (B) (C) (D) ung voi phuong an muon chon / (H) ung voi chuc nang chon quyen tro giup:\n");

TextColor(12);

fflush(stdin);

gets(k);

TextColor(14);

}while((stricmp(k,"A")!=0) && (stricmp(k,"B")!=0) && (stricmp(k,"C")!=0) && (stricmp(k,"D")!=0) && (stricmp(k,"H")!=0));

}

}while(stricmp(k,"H")==0);

}

}

//Dung cuoc choi va bao toan so tien thuong

if(stricmp(k,"R")==0)

{

printf("Ban da quyet dinh dung cuoc choi de bao toan so tien thuong\n");

break;

}

if(KiemTraPhuongAnDungSai(k,p->data.DapAn.DA\_Dung)==false)

{

TextColor(15);

if(stricmp(k,"A")==0)

{

printf("=> Ban da chon phuong an: A\n");

}

if(stricmp(k,"B")==0)

{

printf("=> Ban da chon phuong an: B\n");

}

if(stricmp(k,"C")==0)

{

printf("=> Ban da chon phuong an: C\n");

}

if(stricmp(k,"D")==0)

{

printf("=> Ban da chon phuong an: D\n");

}

TextColor(15);

XuatKetQuaDungSai(KiemTraPhuongAnDungSai(k,p->data.DapAn.DA\_Dung));

if((dem>=1) && (dem<5))

{

dem = 1;

}

if((dem>=5) && (dem<10))

{

dem = 5;

}

if((dem>=10) && (dem<15))

{

dem = 10;

}

break;

}

else

{

TextColor(15);

if(stricmp(k,"A")==0)

{

printf("=> Ban da chon phuong an: A\n");

}

if(stricmp(k,"B")==0)

{

printf("=> Ban da chon phuong an: B\n");

}

if(stricmp(k,"C")==0)

{

printf("=> Ban da chon phuong an: C\n");

}

if(stricmp(k,"D")==0)

{

printf("=> Ban da chon phuong an: D\n");

}

TextColor(14);

XuatKetQuaDungSai(KiemTraPhuongAnDungSai(k,p->data.DapAn.DA\_Dung));

SoThuTuCau++;

dem++;

}

p = p->link;

}

return dem;

}

void ThemCauHoi(List &l)

{

DSCH x;

printf("Nhap Cau hoi va Dap an can them: \n");

NhapMotCauHoi(x);

Node \*p = GetNode(x);

InsertLast(l,x);

}

void TimKiemCauHoiTheoTen(List l)

{

char k[300];

TextColor(11);

printf("Nhap cau hoi can tim: ");

fflush(stdin);

gets(k);

TextColor(14);

Node \*p = l.first;

int dem=0;

while(p!=NULL)

{

if(strcmp(k,p->data.CauHoi)==0)

{

TextColor(30);

printf("Tim Thay.\n");

TextColor(14);

dem++;

XuatMotCH(p->data);

}

p=p->link;

}

if(dem==0)

{

TextColor(79);

printf("Khong Tim Thay.\n");

TextColor(14);

}

}

int DocFile(List &l)

{

FILE \*fp = fopen("CauHoi.txt", "r");

char \*pstr = new char[300];

int number = 0;

if (fp == NULL)

{

printf("Khong co file");

return 0;

}

while(fgets(pstr,500,fp)!=NULL)

{

char \*str;

Node \*p = new Node;

//Doc cau hoi

str = strtok(pstr, ";");

strcpy(p->data.CauHoi, str);

//Doc cau tra loi A

str = strtok(NULL, ";");

strcpy(p->data.TraLoi.A, str);

//Doc cau tra loi B

str = strtok(NULL, ";");

strcpy(p->data.TraLoi.B, str);

//Doc cau tra loi C

str = strtok(NULL, ";");

strcpy(p->data.TraLoi.C, str);

//Doc cau tra loi D

str = strtok(NULL, ";");

strcpy(p->data.TraLoi.D, str);

//Doc dap an

str = strtok(NULL, ";");

strcpy(p->data.DapAn.DA\_Dung, str);

//Doc dap sai 1

str = strtok(NULL, ";");

strcpy(p->data.DapAn.DA\_Sai\_1, str);

//Doc dap sai 2

str = strtok(NULL, ";");

strcpy(p->data.DapAn.DA\_Sai\_2, str);

Node \*q = GetNode(p->data);

AddLast(l, q);

number++;

}

if (fp == NULL)

{

printf("Khong co file");

return 0;

}

fclose(fp);

return number;

}

void Swap(DSCH &x, DSCH &y)

{

DSCH tam = x;

x = y;

y = tam;

}

//Quick Sort

void SListAppend(List &l, List &l2) //Noi 2 danh sach

{

if(l2.first==NULL)

{

return;

}

if(l.first==NULL)

{

l = l2;

}

else

{

l.last->link = l2.first;

l.last = l2.last;

}

init(l2);

}

void SListQuickSort(List &l)

{

Node \*X, \*p;

List l1, l2;

if(l.first == l.last)

{

return;

}

init(l1);

init(l2);

X = l.first;

l.first = X->link;

X->link = NULL;

while(l.first != NULL)

{

p = l.first;

l.first = l.first->link;

p->link = NULL;

if(stricmp(p->data.CauHoi,X->data.CauHoi)<0)

{

AddFirst(l1,p);

}

else

{

AddFirst(l2,p);

}

}

//Sap xep lai

SListQuickSort(l1);

SListQuickSort(l2);

SListAppend(l,l1);

AddLast(l,X);

SListAppend(l,l2);

}

void RemoveFirst(List &l)

{

if(l.first != NULL)

{

Node \*p = l.first;

l.first = p->link;

p->link = NULL;

delete(p);

if(l.first == NULL)

{

l.last=NULL;

}

}

}

void RemoveAfter(List &l, Node \*q)

{

if(q->link != NULL)

{

Node \*p = q->link;

if(p==l.last)

{

l.last=q;

}

q->link = p->link;

p->link = NULL;

delete(p);

}

}

Node \*TimXoa(List l, char x[])

{

Node\* p=l.first;

while( p!=l.last && stricmp(p->link->data.CauHoi,x)!=0)

{

p=p->link;

}

return p;

}

void RemoveX(List &l, char x[])

{

if(x==l.first->data.CauHoi)

{

RemoveFirst(l);

}

else

{

RemoveAfter(l,TimXoa(l,x));

}

}

void XoaCauHoi(List &l)

{

char a[300];

TextColor(11);

printf("\nNhap cau hoi can xoa : ");

fflush(stdin);

gets(a);

TextColor(14);

RemoveX(l,a);

}

char MenuChon()

{

printf("\n\n\t\t\t\t\t========= MENU ==========");

printf("\n\t\t\t\t\t= 1. NHAP DANH SACH =");

printf("\n\t\t\t\t\t= 2. IN DANH SACH =");

printf("\n\t\t\t\t\t= 3. BAT DAU TRO CHOI =");

printf("\n\t\t\t\t\t= 4. TIM CAU HOI =");

printf("\n\t\t\t\t\t= 5. XOA CAU HOI =");

printf("\n\t\t\t\t\t= 6. SAP XEP DANH SACH =");

printf("\n\t\t\t\t\t= 7. CHEN CAU HOI =");

printf("\n\t\t\t\t\t= NHAP 0 DE THOAT. =\n");

printf("\t\t\t\t\t========== END ==========\n");

fflush(stdin);

char chon = getch();

system("cls");

return chon;

}

void MenuCase()

{

List l;

Node \*p,\*q,\*moi;

DSCH x;

char choice;

init(l);

DocFile(l);

do

{

choice = MenuChon();

switch(choice)

{

case '1': { NhapDSCauHoi(l);

CapNhatFile(l);

TextColor(96);

printf("Ban can thoat cua so Console de cau hoi duoc cap nhat\n");

TextColor(14);

break;

}

case '2': {

TextColor(10);

printf("Danh sach cac cau hoi hien co la:\n");

TextColor(14);

XuatDSCauHoi(l);

break;

}

case '3': { printf("\n----BAT DAU TRO CHOI----\n");

printf("Ban chi duoc nhap 4 dap an theo quy dinh la: (A} (B) (C) (D) hoac nhap (H) de nhan quyen tro giup hoac nhap (R) de dung cuoc choi va bao luu so tien thuong\n\n");

int count = BatDauTraLoi(l);

TextColor(11);

printf("\n----KET QUA CHUNG CUOC----\n");

TextColor(15);

printf("So cau tra loi dung cua ban la: %d/15 cau\n",count);

printf("So tien thuong cua ban la: %.0f VND\n",TinhThangTienThuong(count));

if(count==15)

{

TextColor(30);

printf("Xin chuc mung ban da vuot tat ca cac cau hoi cua chung toi va ban da tro thanh trieu phu cua chuong trinh\n");

TextColor(14);

}

TextColor(14);

break;

}

case '4': { TimKiemCauHoiTheoTen(l);

break;

}

case '5': { XoaCauHoi(l);

CapNhatFile(l);

TextColor(96);

printf("Ban can thoat cua so Console de cau hoi duoc cap nhat\n");

TextColor(14);

break;

}

case '6': { SListQuickSort(l);

TextColor(10);

printf("\nDanh sach cau hoi sau khi sap xep theo ten cau hoi:\n");

TextColor(14);

XuatDSCauHoi(l);

break;

}

case '7':{ NhapDSCauHoi(l);

CapNhatFile(l);

TextColor(96);

printf("Ban can thoat cua so Console de cau hoi duoc cap nhat\n");

TextColor(14);

break;

}

case '0': { exit(1);

break;

}

default: { TextColor(241);

printf("\nBan da chon tinh nang khong hop le. Moi ban vui long nhap lai\n");

TextColor(14);

break;

}

}

}while(choice!='0');

}

int main()

{

TextColor(11);

DocFileTextVaoMang("TieuDeLonTrangBia.txt",0);

TextColor(15);

DocFileTextVaoMang("DuongVienTieuDeLonTrangBia.txt",0);

printf("\n\n");

TextColor(10);

DocFileTextVaoMang("TieuDeNhoTrangBia.txt",0);

TextColor(15);

DocFileTextVaoMang("DuongVienTieuDeNhoTrangBia.txt",0);

printf("\n\n");

TextColor(12);

DocFileTextVaoMang("TenDeTai.txt",0);

TextColor(14);

printf("\n\n");

DocFileTextVaoMang("NoiDungTrangBia.txt",0);

printf("\n\n");

TextColor(11);

DocFileTextVaoMang("KhungVienLogo1.txt",50);

Sleep(2000);

system("cls");

TextColor(11);

DocFileTextVaoMang("KhungVienLogo1.txt",0);

TextColor(14);

DocFileTextVaoMang("KhungVienLogo2.txt",0);

TextColor(10);

DocFileTextVaoMang("LogoGame.txt",0);

printf("\n");

gotoxy(51,19);

TextColor(206);

printf("Version Console");

printf("\n");

TextColor(11);

DocFileTextVaoMang("KhungVienLogo1.txt",50);

Sleep(2000);

system("cls");

TextColor(15);

DocFileTextVaoMang("KhungVienLogo1.txt",0);

TextColor(14);

DocFileTextVaoMang("KhungVienLogo2.txt",0);

TextColor(12);

DocFileTextVaoMang("KhungGachDuoi.txt",0);

TextColor(11);

DocFileTextVaoMang("LogoGioiThieu.txt",0);

printf("\n\n");

TextColor(12);

DocFileTextVaoMang("KhungGachDuoi.txt",0);

gotoxy(52,19);

TextColor(237);

printf("Ai la trieu phu");

printf("\n");

TextColor(10);

DocFileTextVaoMang("KhungVienLogo1.txt",50);

Sleep(2000);

system("cls");

TextColor(11);

DocFileTextVaoMang("TieuDeGioiThieu.txt",70);

TextColor(14);

printf("\n");

DocFileTextVaoMang("GioiThieu.txt",70);

Sleep(1000);

system("cls");

TextColor(9);

DocFileTextVaoMang("KhungVienLogo1.txt",0);

TextColor(10);

DocFileTextVaoMang("KhungVienLogo2.txt",0);

TextColor(11);

DocFileTextVaoMang("LogoHuongDanLuatChoi.txt",0);

gotoxy(53,22);

TextColor(241);

printf("Ai la trieu phu");

printf("\n");

TextColor(10);

DocFileTextVaoMang("KhungVienLogo2.txt",0);

printf("\n");

TextColor(12);

DocFileTextVaoMang("KhungVienLogo1.txt",50);

system("cls");

TextColor(14);

DocFileTextVaoMang("HuongDanLuatChoi.txt",70);

Sleep(3000);

system("cls");

TextColor(7);

DocFileTextVaoMang("Loading.txt",0);

Sleep(2000);

TextColor(7);

DocFileTextVaoMang("Start.txt",0);

Sleep(2000);

system("cls");

TextColor(14);

MenuCase();

return 0;

}