#include<stdio.h>

#include<malloc.h>

#include<conio.h>

#include<string.h>

struct acc

{

double bal,ltran;

long id;

char uid[13],pan[10],tpwd[20],pwd[20],fname[30],lname[30],paisa[30],key[30],trolls[20];

struct acc\* next;

}\*head,\*trav,\*temp;

int i=0;

void login()

{

char a[100],pwd2[20],pwd3[20],tran[20],troll[20];

long id;

int ch,id2,x,f1,chn,in,cht;

double amt;

vapaslogin:

system("cls");

printf("\t\t+-----------------------------------------------+\n");

printf("\t\t|\t \t|\n");

printf("\t\t|\tWelcome to LOOT Bank Account portal\t|\n");

printf("\t\t|\t \t|\n");

printf("\t\t+-----------------------------------------------+\n");

printf("\nEnter your one digit user id: ");

scanf("%ld",&id);

if(id>i){

system("cls");

printf("\n\n\n\n\n\n\n\n\n\t +-----------------------------------------------------+\n");

printf("\t | |\n");

printf("\t | Sorry |\n");

printf("\t | No account with such id found |\n");

printf("\t | |\n");

printf("\t +-----------------------------------------------------+\n");

sleep(2);

system("cls");

}

else

{

trav=head;

while(trav->id!=id)

trav=trav->next;

printf("Hello, %s",trav->fname);

printf("\nEnter your password:");

scanf(" %s",&pwd2);

trav=head;

if(strcmp(trav->pwd,pwd2))

{

printf("\nIncorrect Password!!\n1.Try logging in again?\n2.Forgot Password?\n");

scanf("%d",&chn);

switch(chn)

{

case 1: goto vapaslogin;

case 2: trendytrollers:

system("cls");

printf("\t\t+-----------------------------------------------+\n");

printf("\t\t|\t \t|\n");

printf("\t\t|\tWelcome to LOOT Bank Account portal\t|\n");

printf("\t\t|\t \t|\n");

printf("\t\t+-----------------------------------------------+\n");

printf("Enter your security key: ");

scanf(" %s",&troll);

if(strcmp(trav->trolls,troll))

{

printf("Wrong security key.\n1.Enter security key again\n2.Go back\nEnter choice: ");

scanf("%d",&cht);

switch(cht)

{

case 1:

goto trendytrollers;

case 2:

default: system("cls");

break;

}

}

else

{

system("cls");

printf("\t\t+-----------------------------------------------+\n");

printf("\t\t|\t \t|\n");

printf("\t\t|\tWelcome to LOOT Bank Account portal\t|\n");

printf("\t\t|\t \t|\n");

printf("\t\t+-----------------------------------------------+\n");

printf("Your password is: %s",trav->pwd);

getch();

system("cls");

printf("\t\t+-----------------------------------------------+\n");

printf("\t\t|\t \t|\n");

printf("\t\t|\tWelcome to LOOT Bank Account portal\t|\n");

printf("\t\t|\t \t|\n");

printf("\t\t+-----------------------------------------------+\n");

goto apnakhaata;

}

}

}

else

{

system("cls");

printf("\t\t+-----------------------------------------------+\n");

printf("\t\t|\t \t|\n");

printf("\t\t|\tWelcome to LOOT Bank Account portal\t|\n");

printf("\t\t|\t \t|\n");

printf("\t\t+-----------------------------------------------+\n");

apnakhaata:

printf("--------------------------\n");

printf(" 1.Transfer money. \n 2.Display A/C details. \n 3.Link PAN with account. \n 4.Register a complaint. \n 5.LogOut. \n--------------------------\nEnter your choice:\n");

scanf("%d",&ch);

while(id!=trav->id)

trav=trav->next;

switch(ch)

{

benkhaata:

case 1: printf("Enter Beneficiary's ID: \n");

scanf("%d",&id2);

if(id2>i){

printf("No account found with such id.\nPlease Try Again!.\n\n");

system("cls");

printf("\t\t+-----------------------------------------------+\n");

printf("\t\t|\t \t|\n");

printf("\t\t|\tWelcome to LOOT Bank Account portal\t|\n");

printf("\t\t|\t \t|\n");

printf("\t\t+-----------------------------------------------+\n");

}

else if(id2==id)

{

printf("Cannot Place A Transfer To The Same Account!\nPlease Enter A Valid Beneficiary ID!\n\n");

sleep(2);

system("cls");

goto benkhaata;

}

else

{

printf("Available balance: %lf\n",trav->bal);

vapas:

printf("Enter the amount to be transferred: ");

scanf("%lf",&amt);

if(amt>trav->bal)

{

printf("Insufficient Balance\nAvailable balance:%lf\n",trav->bal);

goto vapas;

}

else

{

tranvapas:

printf("Enter your transaction password:\n");

scanf(" %s",&tran);

if(!strcmp(trav->tpwd,tran))

{

temp=head;

while(temp->id!=id2)

temp=temp->next;

trav->ltran=(-1)\*amt;

temp->ltran=amt;

temp->bal+=amt;

trav->bal-=amt;

for(in=0;temp->fname[in]!='\0';in++)

trav->paisa[in]=temp->fname[in];

// for(in=0;temp->lname[in]!='\0';in++)

// trav->paisa[in]=temp->lname[in];

for(in=0;trav->fname[in]!='\0';in++)

temp->paisa[in]=trav->fname[in];

// for(in=0;trav->lname[in]!='\0';in++)

// temp->paisa[in]=trav->lname[in];

printf("Amount transferred successfully!!\n");

getch();

system("cls");

printf("\t\t+-----------------------------------------------+\n");

printf("\t\t|\t \t|\n");

printf("\t\t|\tWelcome to LOOT Bank Account portal\t|\n");

printf("\t\t|\t \t|\n");

printf("\t\t+-----------------------------------------------+\n");

}

else

{

printf("Incorrect password\n");

goto tranvapas;

}

}

}

goto apnakhaata;

case 2: if(trav->ltran==0)

printf("Account Holder's Name: %s %s\nAccount Holder's ID: %ld\nBalance : %lf\nNo Last Transaction\n",trav->fname,trav->lname,trav->id,trav->bal);

else if(trav->ltran<0)

printf("Account Holder's Name: %s %s\nAccount Holder's ID: %ld\nBalance : %lf\nLast Transaction: Your account was debited by Rs.%lf to %s's account. \n",trav->fname,trav->lname,trav->id,trav->bal,(-1)\*trav->ltran,trav->paisa);

else

printf("Account Holder's Name: %s %s\nAccount Holder's ID: %ld\nBalance : %lf\nLast Transaction: Your account was credited by Rs.%lf by %s.\n",trav->fname,trav->lname,trav->id,trav->bal,trav->ltran,trav->paisa);

if(trav->pan==NULL)

printf("Link your PAN as early as possible\n");

getch();

system("cls");

printf("\t\t+-----------------------------------------------+\n");

printf("\t\t|\t \t|\n");

printf("\t\t|\tWelcome to LOOT Bank Account portal\t|\n");

printf("\t\t|\t \t|\n");

printf("\t\t+-----------------------------------------------+\n");

goto apnakhaata;

case 3: if(trav->pan[0]==NULL)

{

printf("Enter you PAN number\n");

scanf("%s",&trav->pan);

system("cls");

printf("\n\n\n\n\n\n\n\n\n\t +-----------------------------------------------------+\n");

printf("\t | |\n");

printf("\t | PAN has been successfully linked |\n");

printf("\t | Have A Nice Day!!.. |\n");

printf("\t | |\n");

printf("\t +-----------------------------------------------------+\n");

sleep(2);

system("cls");

}

else

printf("PAN is already linked!.");

system("cls");

printf("\t\t+-----------------------------------------------+\n");

printf("\t\t|\t \t|\n");

printf("\t\t|\tWelcome to LOOT Bank Account portal\t|\n");

printf("\t\t|\t \t|\n");

printf("\t\t+-----------------------------------------------+\n");

goto apnakhaata;

case 4: system("cls");

printf("\t\t+-----------------------------------------------+\n");

printf("\t\t|\t \t|\n");

printf("\t\t|\tWelcome to LOOT Bank Account portal\t|\n");

printf("\t\t|\t \t|\n");

printf("\t\t+-----------------------------------------------+\n");

printf("\t\t\*\*\*Welcome to LOOT Online Complaint Forum\*\*\*\n\nEnter your complaint below :-\n");

gets(a);

system("cls");

printf("\n\n\n\n\n\n\n\n\n\t +-----------------------------------------------------+\n");

printf("\t | |\n");

printf("\t | We will work On your issue soon, |\n");

printf("\t | Please note your Complaint id :CC%d |\n",(x<0)?(-x):(x));

printf("\t | Have A Nice Day!!.. |\n");

printf("\t | |\n");

printf("\t +-----------------------------------------------------+\n");

sleep(2);

system("cls");

// printf("We will work On your issue soon,please note your complaint id :CC%d",(x<0)?(-x):(x));

printf("\t\t+-----------------------------------------------+\n");

printf("\t\t|\t \t|\n");

printf("\t\t|\tWelcome to LOOT Bank Account portal\t|\n");

printf("\t\t|\t \t|\n");

printf("\t\t+-----------------------------------------------+\n");

goto apnakhaata;

case 5: system("cls");

printf("\n\n\n\n\n\n\n\n\n\t +-----------------------------------------------------+\n");

printf("\t | |\n");

printf("\t | You Have Been Successfully Logged Out!! |\n");

printf("\t | Have A Nice Day!!.. |\n");

printf("\t | |\n");

printf("\t +-----------------------------------------------------+\n");

sleep(2);

system("cls");

break;

}

}

}

}

void create()

{

int store/\*,count=0\*/,len;

char pwd1[20],adar[30];

struct acc\* a=(struct acc\*)malloc(sizeof(struct acc));

a->next=NULL;

system("cls");

printf("\t\t+-----------------------------------------------+\n");

printf("\t\t|\t \t|\n");

printf("\t\t|\tWelcome to LOOT Bank Account portal\t|\n");

printf("\t\t|\t \t|\n");

printf("\t\t+-----------------------------------------------+\n\n");

printf("Enter your first name:");

scanf(" %s",&a->fname);

printf("Enter your last name:");

scanf(" %s",&a->lname);

Aadhaar:

printf("Enter your 12 digit Aadhaar number:");

scanf(" %s",&a->uid);

if (strlen(a->uid)!=12)

{

printf("Please Enter A Valid Aadhar Number!\n");

goto Aadhaar;

}

vapasconfirm:

printf("\nEnter Your Password :");

scanf(" %s",&a->pwd);

printf("Confirm Your Password:");

scanf(" %s",&pwd1);

if(strcmp(a->pwd,pwd1))

{

printf("Password Doesn't Match!!\nPlease Retry.\n");

goto vapasconfirm;

}

else

{

strcat(pwd1,"het3030");

strcpy(a->tpwd,pwd1);

printf("\nYour id is %d.\nYour password is %s.\nYour online transaction password is:%s.\nPlease Remember These Details Correctly!",++i,a->pwd,pwd1);

printf("\n\nCongratulations!!!, your account has been succesfully created with us.\n\nEnter Opening Balance: ");

scanf("%lf",&a->bal);

a->id=i;

a->pan[0]=NULL;

a->ltran=0;

if(a->id%2==0)

strcpy(a->trolls,"chaipilo");

else

strcpy(a->trolls,"halofrands");

printf("\nYour security key is: %s\n",a->trolls);

printf("Press Enter To Continue! \n");

getch();

if(head==NULL)

head=a;

else

{

trav=head;

while(trav->next!=NULL)

trav=trav->next;

trav->next=a;

}

system("cls");

printf("\n\n\n\n\n\n\n\n\n\t +-----------------------------------------------------+\n");

printf("\t | |\n");

printf("\t | Account opened successfully!! |\n");

printf("\t | Have A Nice Day!!.. |\n");

printf("\t | |\n");

printf("\t +-----------------------------------------------------+\n");

sleep(2);

system("cls");

}

}

int main()

{

int ch;

system("cls");

do{

printf("\t\t+-----------------------------------------------+\n");

printf("\t\t|\t \t|\n");

printf("\t\t|\tWelcome to LOOT Bank Account portal\t|\n");

printf("\t\t|\t \t|\n");

printf("\t\t+-----------------------------------------------+\n");

printf("-----------------------");

printf("\n 1.Existing customer? \n 2.Create an account. \n 3.Exit. \n");

printf("-----------------------\n");

printf("Enter Your Choice: ");

scanf(" %d",&ch);

switch(ch)

{

case 1: login();

break;

case 2: create();

break;

case 3: system("cls");

printf("\n\n\n\n\n\n\n\n\n\t +-----------------------------------------------------+\n");

printf("\t | |\n");

printf("\t | Thank You For Banking With Us!! |\n");

printf("\t | Have A Nice Day!!.. |\n");

printf("\t | |\n");

printf("\t +-----------------------------------------------------+\n");

sleep(2);

break;

default: printf("Enter valid choice!\n");

}

}while(ch!=3);

return 0;

}