#include<stdio.h>

#include<conio.h>

#include<time.h>

#include<windows.h>

#include<math.h>

#include<bits.h>

long int num1;

long int num2;

int pin;

int newpin;

double get[100];

int pin1=1011;

int pin2=1022;

int pin3=1033;

int pin4=1044;

int pin5=1055;

int atmno;

int con1;

int atmno1=199990;

int atmno2=199900;

int atmno3=199000;

int atmno4=190000;

int atmno5=100000;

int con;

long int a[10];

int i=0;

int k=0;

int p=0;

int r=0;

int q=0;

int l=0;

int f=0;

int n;

//user database

char name1[20]="Shivam jha";

double amnt1=112788;

char name2[20]="Subham sameer";

double amnt2=121648;

char name3[20]="Shivam sharma";

double amnt3=545447;

char name4[20]="Sahil jolly";

double amnt4=123654;

char name5[20]="Sahil sharma";

double amnt5=158785;

void sayhi()

{

if(atmno1==atmno||atmno1==atmno||atmno2==atmno||atmno3==atmno||atmno4==atmno)

{ if(atmno1==atmno)

{printf("\t""\t""\t""\t""\t""\t""\t""\t""\t"" Hi!! Shivam,\n\n\n");}

if(atmno2==atmno)

{printf("\t""\t""\t""\t""\t""\t""\t""\t""\t"" Hi!! Shubham,\n\n\n");}

if(atmno3==atmno)

{printf("\t""\t""\t""\t""\t""\t""\t""\t""\t"" Hi!! Shivam,\n\n\n");}

if(atmno4==atmno)

{printf("\t""\t""\t""\t""\t""\t""\t""\t""\t"" Hi!! Sahil,\n\n\n");}

if(atmno5==atmno)

{printf("\t""\t""\t""\t""\t""\t""\t""\t""\t"" Hi!! Sahil,\n\n\n");}

}

}

void warning()

{

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

printf("\t""\t""\t""\t""\t""\t""""WARNING:- You have only THREE remaining attempts,Please enter correct credential ""\n\n");

printf("\t""\t""\t""\t""\t""\t""\t""\t"" OTHERWISE your card will be blocked by BANK.\n\n");

}

void cardblock()

{

if(atmno1==atmno)

{

atmno1=NULL;

}

if(atmno2==atmno)

{

atmno2=NULL;

}

if(atmno3==atmno)

{

atmno3=NULL;

}

if(atmno4==atmno)

{

atmno4=NULL;

}

if(atmno5==atmno)

{

atmno5=NULL;

}

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

printf("\t""\t""\t""\t""\t""\t""\t""SORRY!!!!!You are not an authorized user,your card has been blocked,\n ");

printf("\t""\t""\t""\t""\t""\t""\t""Please contact to the nearest branch for further details.\n\n");

}

//Enquery section

void enquery()

{

ENQ1:

printf("\n\n");

int q=1;

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

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

printf("\t""\t""\t""\t""\t""\t""\t""\t"" ""You are in BALANCE ENQUERY section\n");

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

printf("\n\n");

sayhi();

printf("\t""\t""\t"" PIN Number:");

scanf("%d",&pin);

ENQ:

if(pin1==pin && atmno1==atmno)

{

printf("\t""\t""\t""\t""\t""\t""\t""\t""ACCOUNT NO. :\*\*\*\*\*\*\*\*\*\*\*\*1234\n\n");

printf("\t""\t""\t""\t""\t""\t""\t""\t""NAME:");

printf(name1);

printf("\n\n");

printf("\t""\t""\t""\t""\t""\t""\t""\t""Available Balance:");

printf("%f",amnt1);

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

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

printf( "\t""\t""\t""\t""\t""\t""\t""Do you want to exit this section?If yes type 1 otherwise 0...\n");

printf("\t""\t""\t""Type here:");

scanf("%f",&con);

printf("\n\n");

if(con==0)

{

if(con1==0)

{system("cls");}

goto ENQ1;

}

else

{

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

}

}

else if (pin2==pin && atmno2==atmno)

{

printf("\t""\t""\t""\t""\t""\t""\t""\t""ACCOUNT NO. :\*\*\*\*\*\*\*\*\*\*\*\*1335\n\n");

printf("\t""\t""\t""\t""\t""\t""\t""\t""NAME:");

printf(name2);

printf("\n\n");

printf("\t""\t""\t""\t""\t""\t""\t""\t""Available Balance:");

printf("%f",amnt2);

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

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

printf( "\t""\t""\t""\t""\t""\t""\t""Do you want to exit this section?If yes type 1 otherwise 0...\n");

printf("\t""\t""\t""Type here:");

scanf("%f",&con);

printf("\n\n");

if(con==0)

{

if(con1==0)

{system("cls");}

goto ENQ1;

}

else

{

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

}

}

else if( pin3==pin && atmno3==atmno)

{

printf("\t""\t""\t""\t""\t""\t""\t""\t""ACCOUNT NO. :\*\*\*\*\*\*\*\*\*\*\*\*1436\n\n");

printf("\t""\t""\t""\t""\t""\t""\t""\t""NAME:");

printf(name3);

printf("\n\n");

printf("\t""\t""\t""\t""\t""\t""\t""\t""Available Balance:");

printf("%f",amnt3);

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

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

printf( "\t""\t""\t""\t""\t""\t""\t""Do you want to exit this section?If yes type 1 otherwise 0...\n");

printf("\t""\t""\t""Type here:");

scanf("%f",&con);

printf("\n\n");

if(con==0)

{ if(con1==0)

{system("cls");}

goto ENQ1;

}

else

{

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

}

}

else if(pin4==pin && atmno4==atmno)

{

printf("\t""\t""\t""\t""\t""\t""\t""\t""ACCOUNT NO. :\*\*\*\*\*\*\*\*\*\*\*\*1537\n\n");

printf("\t""\t""\t""\t""\t""\t""\t""\t""NAME:");

printf(name4);

printf("\n\n");

printf("\t""\t""\t""\t""\t""\t""\t""\t""Available Balance:");

printf("%f",amnt4);

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

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

printf( "\t""\t""\t""\t""\t""\t""\t""Do you want to exit this section?If yes type 1 otherwise 0...\n");

printf("\t""\t""\t""Type here:");

scanf("%f",&con);

printf("\n\n");

if(con==0)

{

if(con1==0)

{system("cls");}

goto ENQ1;

}

else

{

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

}

}

else if(pin5==pin && atmno5==atmno)

{

printf("\t""\t""\t""\t""\t""\t""\t""\t""ACCOUNT NO. :\*\*\*\*\*\*\*\*\*\*\*\*1638\n\n");

printf("\t""\t""\t""\t""\t""\t""\t""\t""NAME:");

printf(name5);

printf("\n\n");

printf("\t""\t""\t""\t""\t""\t""\t""\t""Available Balance:");

printf("%f",amnt5);

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

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

printf( "\t""\t""\t""\t""\t""\t""\t""Do you want to exit this section?If yes type 1 otherwise 0...\n");

printf("\t""\t""\t""Type here:");

scanf("%f",&con);

printf("\n\n");

if(con==0)

{

if(con1==0)

{system("cls");}

goto ENQ1;

}

else

{

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

}

}

else

{

if(r>=0)

{printf("\t""\t""\t""\t""\t""\t""\t""\t""SORRY!!You have entered Wrong PIN Number\n\n");

++r;}

if(r==3)

{ warning();

}

if(q<3)

{

{ printf("\t""\t""\t""Enter PIN AGAIN:");

scanf("%d",&pin);}

++q;

goto ENQ;

}

else if(r>=6)

{

cardblock();

} }

system("pause");

system("cls");

}

//withdrawal section

int withdrawal()

{ abcd:

printf("\n\n");

float issu=0;

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

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

printf("\t""\t""\t""\t""\t""\t""\t""\t"" ""You are in CASH WITHDRAWAL section\n");

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

printf("\t""\t""\t""\t""\t""\t""\t""\t""Enter your 4 digit PIN Number of your card:-\n\n");

int m=1;

int n=1;

printf("\n\n");

sayhi();

printf("\t""\t""\t"" PIN Number:");

scanf("%d",&pin);

abc:

if(pin1== pin && atmno1==atmno)

{ printf("\t""\t""\t""\t""\t""\t""\t""You are now Logged in your account and can withdraw your cash!\n\n");

printf("\t""\t""\t""\t""\t""\t""\t""\t""\t""Card Holder's NAME:");

printf(name1);

printf("\n\n");

printf("\t""\t""\t""\t""\t""\t""\t""\t""\t""Available AMOUNT=");

printf("%f",amnt1);

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

xyz: printf("\t""\t""\t""How much you want to withdraw?:");

scanf("%f",&issu);

printf("\n\n");

if(issu>amnt1)

{ while(k<10)

{

printf("\t""\t""\t""\t""\t""\t""\t""\t""\t"" ""INSUFFICIENT BALANCE!!\n""\t""\t""\t""\t""\t""\t""\t""\t""Please!! Withdraw A/C to your available balance.\n\n");

goto xyz;

++k;}

return 1;

}

printf("\t""\t""\t""\t""\t""\t""\t""\t""\t""\t""Processing....\n\n\n\n");

if(issu>0)

{

printf("\t""\t""\t""\t""\t""\t""\t""\t""DONE!!!!!you can collect %f",issu);

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

}

get[++k]=issu;

amnt1=amnt1-issu;

printf("\t""\t""\t""\t""\t""\t""\t""\t""Your current Available Balance:");

printf("%f",amnt1);

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

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

printf( "\t""\t""\t""\t""\t""\t""\t""Do you want more transactions? If yes type 1 otherwise 0\n");

printf("\t""\t""\t""Type here:");

scanf("%d",&con1);

printf("\n\n");

if(con1==1)

{ if(con1==1)

{system("cls");}

goto abcd;

}

else

{

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

}

}

else if(pin2==pin&&atmno2==atmno)

{

printf("\t""\t""\t""\t""\t""\t""\t""\t""\t""You are now Logged in your account and can withdraw your cash!\n\n");

printf("\t""\t""\t""\t""\t""\t""\t""\t""\t""Card Holder's NAME:");

printf(name2);

printf("\n\n");

printf("\t""\t""\t""\t""\t""\t""\t""\t""\t""Available AMOUNT=");

printf("%f",amnt2);

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

xyz1: printf("\t""\t""\t""How much you want to withdraw?:");

scanf("%f",&issu);

printf("\n\n");

if(issu>amnt2)

{ while(k<10)

{

printf("\t""\t""\t""\t""\t""\t""\t""\t""\t"" ""INSUFFICIENT BALANCE!!\n""\t""\t""\t""\t""\t""\t""\t""\t""Please!! Withdraw A/C to your available balance.\n\n");

goto xyz1;

++k;}

return 1;

}

printf("\t""\t""\t""\t""\t""\t""\t""\t""\t""\t""Processing....\n\n");

if(issu>0)

{

printf("\t""\t""\t""\t""\t""\t""\t""\t""DONE!!!!!you can collect %f",issu);

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

}

get[++k]=issu;

amnt2=amnt2-issu;

printf("\t""\t""\t""\t""\t""\t""\t""\t""Your current Available Balance:");

printf("%f",amnt2);

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

printf( "\t""\t""\t""\t""\t""\t""\t""Do you want more transactions? If yes type 1 otherwise 0\n");

printf("\t""\t""\t""Type here:");

scanf("%d",&con1);

printf("\n\n");

if(con1==1)

{

if(con1==1)

{system("cls");}

goto abcd;

}

else

{

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

}

printf("\n\n\n\n\n\n");}

else if(pin3==pin&&atmno3==atmno)

{

printf("\t""\t""\t""\t""\t""\t""\t""\t""\t" "You are now Logged in your account and can withdraw your cash!\n\n");

printf("\t""\t""\t""\t""\t""\t""\t""\t""\t""Card Holder's NAME:");

printf(name3);

printf("\n\n");

printf("\t""\t""\t""\t""\t""\t""\t""\t""\t""Available AMOUNT=");

printf("%f",amnt3);

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

xyz2: printf("\t""\t""\t""How much you want to withdraw?:");

printf("\n\n");

if(issu>amnt1)

{ while(k<10)

{

printf("\t""\t""\t""\t""\t""\t""\t""\t""\t"" ""INSUFFICIENT BALANCE!!\n""\t""\t""\t""\t""\t""\t""\t""\t""Please!! Withdraw A/C to your available balance.\n\n");

goto xyz2;

++k;}

return 1;

}

scanf("%f",&issu);

printf("\t""\t""\t""\t""\t""\t""\t""\t""\t""\t""Processing....\n\n");

if(issu>0)

{

printf("\t""\t""\t""\t""\t""\t""\t""\t""DONE!!!!!you can collect %f",issu);

get[++k]=issu;

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

}

amnt3=amnt3-issu;

printf("\t""\t""\t""\t""\t""\t""\t""\t""Your current Available Balance:");

printf("%f",amnt3);

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

printf( "\t""\t""\t""\t""\t""\t""\t""Do you want more transactions? If yes type 1 otherwise 0\n");

printf("\t""\t""\t""Type here:");

scanf("%d",&con1);

printf("\n\n");

if(con1==1)

{

if(con1==1)

{system("cls");}

goto abcd;}

else

{

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

}

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

}

else if(pin4==pin&&atmno4==atmno)

{

printf("\t""\t""\t""\t""\t""\t""\t""\t""\t" "You are now Logged in your account and can withdraw your cash!\n\n");

printf("\t""\t""\t""\t""\t""\t""\t""\t""\t""Card Holder's NAME:");

printf(name4);

printf("\n\n");

printf("\t""\t""\t""\t""\t""\t""\t""\t""\t""Available AMOUNT=");

printf("%f",amnt4);

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

xyz3:printf("\t""\t""\t""How much you want to withdraw?:");

scanf("%f",&issu);

printf("\n\n");

if(issu>amnt3)

{ while(k<10)

{

printf("\t""\t""\t""\t""\t""\t""\t""\t""\t"" ""INSUFFICIENT BALANCE!!\n""\t""\t""\t""\t""\t""\t""\t""\t""Please!! Withdraw A/C to your available balance.\n\n");

goto xyz3;

++k;}

return 1;

}

printf("\t""\t""\t""\t""\t""\t""\t""\t""\t""\t""Processing....\n\n");

if(issu>0)

{

printf("\t""\t""\t""\t""\t""\t""\t""\t""DONE!!!!!you can collect %f",issu);

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

}

get[++k]=issu;

amnt4=amnt4-issu;

printf("\t""\t""\t""\t""\t""\t""\t""\t""Your current Available Balance:");

printf("%f",amnt4);

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

printf( "\t""\t""\t""\t""\t""\t""\t""Do you want more transactions? If yes type 1 otherwise 0\n");

printf("\t""\t""\t""Type here:");

scanf("%d",&con1);

printf("\n\n");

if(con1==1)

{

if(con1==1)

{system("cls");}

goto abcd;

}

else

{

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

}

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

}

else if(pin5==pin&&atmno5==atmno)

{

printf("\t""\t""\t""\t""\t""\t""\t""\t""\t" "You are now Logged in your account and can withdraw your cash!\n\n");

printf("\t""\t""\t""\t""\t""\t""\t""\t""\t""Card Holder's NAME:");

printf(name5);

printf("\n\n");

printf("\t""\t""\t""\t""\t""\t""\t""\t""\t""Available AMOUNT=");

printf("%f",amnt5);

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

xyz4: printf("\t""\t""\t""How much you want to withdraw?:");

scanf("%f",&issu);

printf("\n\n");

if(issu>amnt5)

{ while(k<10)

{

printf("\t""\t""\t""\t""\t""\t""\t""\t""\t"" ""INSUFFICIENT BALANCE!!\n""\t""\t""\t""\t""\t""\t""\t""\t""Please!! Withdraw A/C to your available balance.\n\n");

goto xyz4;

++k;}

return 1;

}

printf("\t""\t""\t""\t""\t""\t""\t""\t""\t""\t""Processing....\n\n");

if(issu>0)

{

printf("\t""\t""\t""\t""\t""\t""\t""\t""DONE!!!!!you can collect %f",issu);

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

}

get[++k]=issu;

amnt5=amnt5-issu;

printf("\t""\t""\t""\t""\t""\t""\t""\t""Your current Available Balance:");

printf("%f",amnt5);

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

printf( "\t""\t""\t""\t""\t""\t""\t""Do you want more transactions? If yes type 1 otherwise 0\n");

printf("\t""\t""\t""Type here:");

scanf("%d",&con1);

printf("\n\n");

if(con1==1)

{

if(con1==1)

{system("cls");}

goto abcd; }

else

{

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

}

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

}

else

{

if(p>=0&&p!=6)

{printf("\t""\t""\t""\t""\t""\t""\t""\t"" ""\t""Incorrect PIN!!...\n\n");

++p; }

if(p==3)

{

warning();

}

if(m<3)

{

{ printf("\t""\t""\t"" Enter PIN AGAIN:");

scanf("%d",&pin);}

++m;

goto abc;

}

else if(p>=6)

{

cardblock();

}

}

system("pause");

system("cls");

}

//statement

void statement()

{ int v=1;

int h=0;

int con4;

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

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

printf("\t""\t""\t""\t""\t""\t""\t""\t""\t""You are in MINI STATEMENT section\n");

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

printf("\n\n");

sayhi();

printf("\t""\t""\t""Enter PIN number:");

scanf("%d",&pin);

printf("\n\n");

STAT:

if(pin1==pin && atmno1==atmno)

{ printf("\t""\t""\t""\t""\t""\t""\t""\t""ACCOUNT NO. :\*\*\*\*\*\*\*\*\*\*\*\*1234\n\n");

printf("\t""\t""\t""\t""\t""\t""\t""\t""NAME:");

printf(name1);

printf("\n\n");

printf("\t""\t""\t""\t""\t""\t""\t""\t""Available Balance:");

printf("%f",amnt1);

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

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

printf("\t""\t""\t""\t""\t""\t""\t""\t""Your Last FIVE transactions:\n\n");

for(i=k;i>=k-4;i--)

{ printf("\t""\t""\t""\t""\t""\t""\t""\t""%d",v);

printf("th Last transaction:");

printf(" ""%f",get[i]);

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

++v;

}

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

printf( "\t""\t""\t""\t""\t""\t""\t""Do you want receipt? If yes type 1 otherwise 0\n");

printf("\t""\t""\t""Type here:");

scanf("%d",&con4);

printf("\n\n");

if(con4==1)

{

printf( "\t""\t""\t""\t""\t""\t""\t"" You can collect your receipt...\n");

}

else

{

printf("\t""\t""\t""\t""\t""\t""\t""\t"" ThankYou for saving paper\n\n\n\n");

}

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

}

else if(pin2==pin && atmno2==atmno)

{ printf("\t""\t""\t""\t""\t""\t""\t""\t""ACCOUNT NO. :\*\*\*\*\*\*\*\*\*\*\*\*1234\n\n");

printf("\t""\t""\t""\t""\t""\t""\t""\t""NAME:");

printf(name2);

printf("\n\n");

printf("\t""\t""\t""\t""\t""\t""\t""\t""Available Balance:");

printf("%f",amnt2);

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

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

printf("\t""\t""\t""\t""\t""\t""\t""\t""Your Last FIVE transactions:\n\n");

for(i=k;i>=k-4;i--)

{ printf("\t""\t""\t""\t""\t""\t""\t""\t""%d",v);

printf("th Last transaction:");

printf(" ""%f",get[i]);

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

++v;

}

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

printf( "\t""\t""\t""\t""\t""\t""\t""Do you want receipt? If yes type 1 otherwise 0\n");

printf("\t""\t""\t""Type here:");

scanf("%d",&con1);

printf("\n\n");

if(con4==1)

{

printf( "\t""\t""\t""\t""\t""\t""\t""You can collect your receipt...\n"); }

else

{

printf("\t""\t""\t""\t""\t""\t""\t""\t"" ThankYou for saving paper\n\n\n\n");

}

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

}

else if(pin3==pin && atmno3==atmno)

{ printf("\t""\t""\t""\t""\t""\t""\t""\t""ACCOUNT NO. :\*\*\*\*\*\*\*\*\*\*\*\*1234\n\n");

printf("\t""\t""\t""\t""\t""\t""\t""\t""NAME:");

printf(name3);

printf("\n\n");

printf("\t""\t""\t""\t""\t""\t""\t""\t""Available Balance:");

printf("%f",amnt3);

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

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

printf("\t""\t""\t""\t""\t""\t""\t""\t""Your Last FIVE transactions:\n\n");

for(i=k;i>=k-4;i--)

{ printf("\t""\t""\t""\t""\t""\t""\t""\t""%d",v);

printf("th Last transaction:");

printf(" ""%f",get[i]);

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

++v;

}

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

printf( "\t""\t""\t""\t""\t""\t""\t""Do you want receipt? If yes type 1 otherwise 0\n");

printf("\t""\t""\t""Type here:");

scanf("%d",&con1);

printf("\n\n");

if(con4==1)

{

printf( "\t""\t""\t""\t""\t""\t""\t""You can collect your receipt...\n"); }

else

{

printf("\t""\t""\t""\t""\t""\t""\t""\t ""ThankYou for saving paper\n\n\n\n");

}

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

}

else if(pin4==pin && atmno4==atmno)

{ printf("\t""\t""\t""\t""\t""\t""\t""\t""ACCOUNT NO. :\*\*\*\*\*\*\*\*\*\*\*\*1234\n\n");

printf("\t""\t""\t""\t""\t""\t""\t""\t""NAME:");

printf(name4);

printf("\n\n");

printf("\t""\t""\t""\t""\t""\t""\t""\t""Available Balance:");

printf("%f",amnt4);

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

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

printf("\t""\t""\t""\t""\t""\t""\t""\t""Your Last FIVE transactions:\n\n");

for(i=k;i>=k-4;i--)

{ printf("\t""\t""\t""\t""\t""\t""\t""\t""%d",v);

printf("th Last transaction:");

printf(" ""%f",get[i]);

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

++v;

}

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

printf( "\t""\t""\t""\t""\t""\t""\t""Do you want receipt? If yes type 1 otherwise 0\n");

printf("\t""\t""\t""Type here:");

scanf("%d",&con1);

printf("\n\n");

if(con4==1)

{

printf( "\t""\t""\t""\t""\t""\t""\t""You can collect your receipt...\n"); }

else

{

printf("\t""\t""\t""\t""\t""\t""\t""\t ""ThankYou for saving paper\n\n\n\n");

}

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

}

else if(pin5==pin && atmno5==atmno)

{ printf("\t""\t""\t""\t""\t""\t""\t""\t""ACCOUNT NO. :\*\*\*\*\*\*\*\*\*\*\*\*1234\n\n");

printf("\t""\t""\t""\t""\t""\t""\t""\t""NAME:");

printf(name5);

printf("\n\n");

printf("\t""\t""\t""\t""\t""\t""\t""\t""Available Balance:");

printf("%f",amnt5);

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

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

printf("\t""\t""\t""\t""\t""\t""\t""\t""Your Last FIVE transactions:\n\n");

for(i=k;i>=k-4;i--)

{ printf("\t""\t""\t""\t""\t""\t""\t""\t""%d",v);

printf("th Last transaction:");

printf(" ""%f",get[i]);

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

++v;

}

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

printf( "\t""\t""\t""\t""\t""\t""\t""Do you want receipt? If yes type 1 otherwise 0\n");

printf("\t""\t""\t""Type here:");

scanf("%d",&con1);

printf("\n\n");

if(con4==1)

{

printf( "\t""\t""\t""\t""\t""\t""\t""You can collect your receipt...\n");

}

else

{

printf("\t""\t""\t""\t""\t""\t""\t""\t ""ThankYou for saving paper\n\n\n\n");

}

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

}

else

{

if(f<=5&&f!=6)

{printf("\t""\t""\t""\t""\t""\t""\t""\t"" ""WRONG PIN!!Enter again your PIN.\n\n");

++f;}

if(f==3)

{

warning();

}

if(h<2)

{

{printf("\t""\t""\t"" Enter PIN AGAIN:");

scanf("%d",&pin);}

++h;

goto STAT;

}

else if(f>=6)

{

cardblock();

}

}

system("pause");

system("cls");

}

void pinchange()

{

pnch:

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

int con2;

int c=0;

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

printf("\t""\t""\t""\t""\t""\t""\t""\t""\t""You are in PIN CHANGE section\n");

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

printf("\n\n");

sayhi();

pcx: printf("\t""\t""\t""Enter your EXISTING pin number:");

scanf("%d",&pin);

printf("\n\n");

pnch1:

if(pin1==pin && atmno1==atmno)

{ printf("\n\n");

printf("\t""\t""\t""\t""\t""\t""\t""\t""""NOTE:- Number Starting with ZEROS have no effect.\n\n");

printf("\t""\t""\t""Enter 4-digit NEW PIN Number:");

scanf("%d",&newpin);

long long n;

n=newpin;

int count = 0;

while(n != 0)

{

n /= 10;

++count;

}

if(count<4 || count>4)

{ printf("\n\n\n");

printf("\t""\t""\t""\t""\t""\t""\t""\t""Sorry!!This PIN is Unrealistic,,,try something else\n\n\n");

goto pcx;

}

pin1=newpin;

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

printf("\t""\t""\t""\t""\t""\t""\t""\t"" ""Your pin has been changed Successfully.\n\n\n");

printf( "\t""\t""\t""\t""\t""\t""\t""Do you want to SAVE changes? TYPE 1 for SAVE otherwise 0 for again change.\n");

printf("\t""\t""\t""Type here:");

scanf("%f",&con2);

printf("\n\n");

if(con2==0)

{

if(con2==0)

{system("cls");}

goto pnch;

}

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

}

else if(pin2==pin && atmno2==atmno)

{

printf("\n\n");

printf("\t""\t""\t""\t""\t""\t""\t""\t""""NOTE:- Number Starting with ZEROS have no effect.\n");

printf("\t""\t""\t""Enter 4-digit NEW PIN Number:");

scanf("%d",&newpin);

long long n;

n=newpin;

int count = 0;

while(n != 0)

{

n /= 10;

++count;

}

if(count<4 || count>4)

{

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

printf("\t""\t""\t""\t""\t""\t""\t""\t""Sorry!!This PIN is Unrealistic,,,try something else\n\n\n");

goto pcx;

}

pin2=newpin;

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

printf("\t""\t""\t""\t""\t""\t""\t""\t"" ""Your pin has been changed Successfully.\n\n\n");

printf( "\t""\t""\t""\t""\t""\t""\t""Do you want to SAVE changes? TYPE 1 for SAVE otherwise 0 for again change.\n");

printf("\t""\t""\t""Type here:");

scanf("%f",&con2);

printf("\n\n");

if(con2==0)

{

if(con2==0)

{system("cls");}

goto pnch;

}

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

}

else if(pin3==pin && atmno3==atmno)

{

printf("\n\n");

printf("\t""\t""\t""\t""\t""\t""\t""\t""""NOTE:- Number Starting with ZEROS have no effect.\n");

printf("\t""\t""\t""Enter 4-digit NEW PIN Number:");

scanf("%d",&newpin);

long long n;

n=newpin;

int count = 0;

while(n != 0)

{

n /= 10;

++count;

}

if(count<4 || count>4)

{

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

printf("\t""\t""\t""\t""\t""\t""\t""\t""Sorry!!This PIN is Unrealistic,,,try something else\n\n\n");

goto pcx;

}

pin3=newpin;

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

printf("\t""\t""\t""\t""\t""\t""\t""\t"" ""Your pin has been changed Successfully.\n\n\n");

printf( "\t""\t""\t""\t""\t""\t""\t""Do you want to SAVE changes? TYPE 1 for SAVE otherwise 0 for again change.\n");

printf("\t""\t""\t""Type here:");

scanf("%f",&con2);

printf("\n\n");

if(con2==0)

{

if(con2==0)

{system("cls");}

goto pnch;

}

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

}

else if(pin4==pin && atmno4==atmno)

{

printf("\n\n");

printf("\t""\t""\t""\t""\t""\t""\t""\t""""NOTE:- Number Starting with ZEROS have no effect.\n");

printf("\t""\t""\t""Enter 4-digit NEW PIN Number:");

scanf("%d",&newpin);

long long n;

n=newpin;

int count = 0;

while(n != 0)

{

n /= 10;

++count;

}

if(count<4 || count>4)

{

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

printf("\t""\t""\t""\t""\t""\t""\t""\t""Sorry!!This PIN is Unrealistic,,,try something else\n\n\n");

goto pcx;

}

pin4=newpin;

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

printf("\t""\t""\t""\t""\t""\t""\t""\t"" ""Your pin has been changed Successfully.\n\n\n");

printf( "\t""\t""\t""\t""\t""\t""\t""Do you want to SAVE changes? TYPE 1 for SAVE otherwise 0 for again change.\n");

printf("\t""\t""\t""Type here:");

scanf("%f",&con2);

printf("\n\n");

if(con2==0)

{

if(con2==0)

{system("cls");}

goto pnch;

}

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

}

else if(pin5==pin && atmno5==atmno)

{

printf("\n\n");

printf("\t""\t""\t""\t""\t""\t""\t""\t""""NOTE:- Number Starting with ZEROS have no effect.\n");

printf("\t""\t""\t""Enter 4-digit NEW PIN Number:");

scanf("%d",&newpin);

long long n;

n=newpin;

int count = 0;

while(n != 0)

{

n /= 10;

++count;

}

if(count<4 || count>4)

{

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

printf("\t""\t""\t""\t""\t""\t""\t""\t""Sorry!!This PIN is Unrealistic,,,try something else\n\n\n");

goto pcx;

}

pin5=newpin;

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

printf("\t""\t""\t""\t""\t""\t""\t""\t"" ""Your pin has been changed Successfully.\n\n\n");

printf( "\t""\t""\t""\t""\t""\t""\t""Do you want to SAVE changes? TYPE 1 for SAVE otherwise 0 for again change.\n");

printf("\t""\t""\t""Type here:");

scanf("%f",&con2);

printf("\n\n");

if(con2==0)

{

if(con2==0)

{system("cls");}

goto pnch;

}

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

}

else

{

++q;

if(q<=5 && q!=6)

{printf("\t""\t""\t""\t""\t""\t""\t""\t"" ""WRONG PIN!!Enter again your OLD PIN.\n\n");}

if(q==3)

{

warning();

}

if(c<2)

{

{printf("\t""\t""\t""Enter your EXISTING pin number:");

scanf("%d",&pin);}

++c;

goto pnch1;

}

else if(q>=6)

{

cardblock();

}

}

system("pause");

system("cls");

}

void cashdeposit()

{

DEPO:

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

int d=0;

float cash=0;

int con3;

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

printf("\t""\t""\t""\t""\t""\t""\t""\t"" ""You are in CASH DIPOSITE section\n");

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

printf("\n\n");

sayhi();

printf("\t""\t""\t""Enter PIN number:");

scanf("%d",&pin);

DEPO1:

if(pin1==pin && atmno1==atmno)

{ printf("\n\n\n");

printf("\t""\t""\t""\t""\t""\t""\t""\t""Your Available Balance:");

printf("%f",amnt1);

printf("\n\n");

printf("\t""\t""\t""Amount to be DEPOSITED:");

scanf("%f",&cash);

amnt1=amnt1+cash;

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

printf("\t""\t""\t""\t""\t""\t""\t""\t""You have deposited:%f",cash);

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

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

printf("\t""\t""\t""\t""\t""\t""\t""\t""Your TOTAL Balance:");

printf("%f",amnt1);

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

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

printf( "\t""\t""\t""\t""\t""\t""\t""Do you want deposit more CASH? If yes type 1 otherwise 0\n");

printf("\t""\t""\t""Type here:");

scanf("%d",&con3);

printf("\n\n");

if(con3==1)

{

if(con3==1)

{system("cls");}

goto DEPO; }

else

{

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

}

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

}

else if(pin2==pin && atmno2==atmno)

{ printf("\n\n\n");

printf("\t""\t""\t""\t""\t""\t""\t""\t""Your Available Balance:");

printf("%f",amnt2);

printf("\n\n");

printf("\t""\t""\t""Amount to be DEPOSITED:");

scanf("%f",&cash);

amnt2=amnt2+cash;

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

printf("\t""\t""\t""\t""\t""\t""\t""\t""You have deposited:%f",cash);

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

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

printf("\t""\t""\t""\t""\t""\t""\t""\t""Your TOTAL Balance:");

printf("%f",amnt2);

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

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

printf( "\t""\t""\t""\t""\t""\t""\t""Do you want deposit more CASH? If yes type 1 otherwise 0\n");

printf("\t""\t""\t""Type here:");

scanf("%d",&con3);

printf("\n\n");

if(con3==1)

{

if(con3==1)

{system("cls");}

goto DEPO; }

else

{

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

}

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

}

else if(pin3==pin && atmno3==atmno)

{ printf("\n\n\n");

printf("\t""\t""\t""\t""\t""\t""\t""\t""Your Available Balance:");

printf("%f",amnt3);

printf("\n\n");

printf("\t""\t""\t""Amount to be DEPOSITED:");

scanf("%f",&cash);

amnt3=amnt3+cash;

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

printf("\t""\t""\t""\t""\t""\t""\t""\t""You have deposited:%f",cash);

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

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

printf("\t""\t""\t""\t""\t""\t""\t""\t""Your TOTAL Balance:");

printf("%f",amnt3);

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

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

printf( "\t""\t""\t""\t""\t""\t""\t""Do you want deposit more CASH? If yes type 1 otherwise 0\n");

printf("\t""\t""\t""Type here:");

scanf("%d",&con3);

printf("\n\n");

if(con3==1)

{

if(con3==1)

{system("cls");}

goto DEPO; }

else

{

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

}

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

}

else if(pin4==pin && atmno4==atmno)

{ printf("\n\n\n");

printf("\t""\t""\t""\t""\t""\t""\t""\t""Your Available Balance:");

printf("%f",amnt4);

printf("\n\n");

printf("\t""\t""\t""Amount to be DEPOSITED:");

scanf("%f",&cash);

amnt4=amnt4+cash;

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

printf("\t""\t""\t""\t""\t""\t""\t""\t""You have deposited:%f",cash);

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

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

printf("\t""\t""\t""\t""\t""\t""\t""\t""Your TOTAL Balance:");

printf("%f",amnt4);

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

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

printf( "\t""\t""\t""\t""\t""\t""\t""Do you want deposit more CASH? If yes type 1 otherwise 0\n");

printf("\t""\t""\t""Type here:");

scanf("%d",&con3);

printf("\n\n");

if(con3==1)

{

if(con3==1)

{system("cls");}

goto DEPO; }

else

{

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

}

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

}

else if(pin5==pin && atmno5==atmno)

{ printf("\n\n\n");

printf("\t""\t""\t""\t""\t""\t""\t""\t""Your Available Balance:");

printf("%f",amnt5);

printf("\n\n");

printf("\t""\t""\t""Amount to be DEPOSITED:");

scanf("%f",&cash);

amnt5=amnt5+cash;

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

printf("\t""\t""\t""\t""\t""\t""\t""\t""You have deposited:%f",cash);

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

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

printf("\t""\t""\t""\t""\t""\t""\t""\t""Your TOTAL Balance:");

printf("%f",amnt5);

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

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

printf( "\t""\t""\t""\t""\t""\t""\t""Do you want deposit more CASH? If yes type 1 otherwise 0\n");

printf("\t""\t""\t""Type here:");

scanf("%d",&con3);

printf("\n\n");

if(con3==1)

{

if(con3==1)

{system("cls");}

goto DEPO; }

else

{

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

}

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

}

else

{

++l;

if(l<=5&&l!=6)

{printf("\t""\t""\t""\t""\t""\t""\t""\t"" ""WRONG PIN!!Enter again your PIN.\n\n");}

if(l==3)

{

warning();

}

if(d<2)

{

{printf("\t""\t""\t"" Enter PIN AGAIN:");

scanf("%d",&pin);}

++d;

goto DEPO1;

}

else if(l>=6)

{

cardblock();}

}

system("pause");

system("cls");

}

void main()

{

MAIN:

printf("\n");

time\_t t = time(NULL);

struct tm tm = \*localtime(&t);

printf("\t""\t""\t""\t""\t""\t""\t""\t""\t""\t""\t""\t"" %d-%d-%d %d:%d:%d\n", tm.tm\_year + 1900, tm.tm\_mon + 1, tm.tm\_mday,tm.tm\_hour, tm.tm\_min, tm.tm\_sec);

printf("\n");

printf("\t\t-------------------------------------------------------------BANK OF INDIA----------------------------------------------------------------\n");

int ch;

while(1)

{ printf("\n\n\n\n\n\n\n\n\n\n\n\n\n\n");

printf("\t""\t""\t""\t""\t""\t"" (ONLY NUMERALS)\n");

printf("\t""\t""\t""\t""\t"" Enter your ATM card Numbers: ");

scanf("%d",&atmno);

system("cls");

printf("\n");

printf("\t""\t""\t""\t""\t""\t""\t""\t""\t""\t""\t""\t"" %d-%d-%d %d:%d:%d\n", tm.tm\_year + 1900, tm.tm\_mon + 1, tm.tm\_mday,tm.tm\_hour, tm.tm\_min, tm.tm\_sec);

printf("\n");

printf("\t\t-------------------------------------------------------------BANK OF INDIA----------------------------------------------------------------\n");

if(atmno==1)

{exit(0);}

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

if(atmno1==atmno||atmno1==atmno||atmno2==atmno||atmno3==atmno||atmno4==atmno)

{ if(atmno1==atmno)

{printf("\t""\t""\t""\t""\t""\t""\t""\t""\t"" WELCOM!! Shivam,\n\n\n");}

if(atmno2==atmno)

{printf("\t""\t""\t""\t""\t""\t""\t""\t""\t"" WELCOM!! Shubham,\n\n\n");}

if(atmno3==atmno)

{printf("\t""\t""\t""\t""\t""\t""\t""\t""\t"" WELCOM!! Shivam,\n\n\n");}

if(atmno4==atmno)

{printf("\t""\t""\t""\t""\t""\t""\t""\t""\t"" WELCOM!! Sahil,\n\n\n");}

if(atmno5==atmno)

{printf("\t""\t""\t""\t""\t""\t""\t""\t""\t"" WELCOM!! Sahil,\n\n\n");}

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

printf("\t""\t""\t""\t""\t""\t""\t""\t""\t""\t""\t""\t""\t""\t""\t"" ""1. BALANCE ENQUERY\n""\n\n");

printf("\t""\t""\t""\t""\t""\t""\t""\t""\t""\t""\t""\t""\t""\t""\t"" ""2. CASH WITHDRWAWAL\n""\n\n");

printf("\t""\t""\t""\t""\t""\t""\t""\t""\t""\t""\t""\t""\t""\t""\t"" ""3. MINI STAEMENT""\n""\n\n");

printf("\t""\t""\t""\t""\t""\t""\t""\t""\t""\t""\t""\t""\t""\t""\t"" ""4. PIN CHANGE""\n""\n\n");

printf("\t""\t""\t""\t""\t""\t""\t""\t""\t""\t""\t""\t""\t""\t""\t"" ""5. CASH DEPOSIT""\n""\n\n");

printf("\t""\t""\t""\t""\t""\t""\t""\t""\t""\t""\t""\t""\t""\t""\t"" ""6. EXIT""\n""\n");

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

printf("\t""\t""\t""Enter your choice(1-5):");

scanf("%d" ,&ch);

system("cls");

switch(ch)

{

case 1:

enquery();

break;

case 2:

withdrawal();

break;

case 3:

statement();

break;

case 4:

pinchange();

break;

case 5:

cashdeposit();

break;

case 6:

exit(0);

break;

default:

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

printf("\t""\t""\t""\t""\t""\t""SORRY!!!!you have not chosen any above given option yet,please try again....\n\n\n");

system("pause");

system("cls");

}}

else

{ printf("\t""\t""\t""\t""\t""\t""\t""\t""\t""INVALID CARD NUMBER!! TRY AGAIN...\n\n");

system("pause");

system("cls");}

goto MAIN;

}

getch();

}