#include <stdio.h>

//\* Displays the list of user’s options available

//\*\* Displays the user’s selections and sets the value of the choice

void mainMenu(int \*choice);

//Prompts the user for the amount of their deposit and updates the selected account

void DepositMoney( double \*currBal);

//Asks the user if they want another transaction

void Repeat(char \* doAgain);

//Displays the types of account they would like to access and sets the

//value of the chosen account type

void AccountMenu( char \*typeAcct);

//Prompts the user for the amount of the withdrawal, determines if there are

//sufficient funds and updates the selected account if funds are dispensed

void WithdrawMoney( double \*currBal);

//Displays the user’s current account balance for the selected account

void ShowBalance( double currBal);

int main()

{

double preBal = 2000;

double checking = 575.00;

double savings = 3750.00;

double currBal;

int choice,pin;

char doAgain =0;

char typeAcct;

{

while (pin != 1520)

{

printf("PLEASE ENTER YOUR ATM CARD\n");

printf("\nENTER YOUR PASSWORD:");

scanf("%d", &pin);

if (pin != 1520)

printf("PLEASE ENTER VALID PASSWORD\n");

printf("\n\n\*\*\*\*\*\*\*\*Welcome To DBBL ATM Service\*\*\*\*\*\*\*\*\*\*\*\*\*\*\n");

}

do{

mainMenu(&choice);

switch(choice){

case 1:

AccountMenu(&typeAcct);

DepositMoney(&currBal);

Repeat(&doAgain);

break;

case 2:

AccountMenu(&typeAcct);

WithdrawMoney(&currBal);

Repeat(&doAgain);

break;

case 3:

AccountMenu(&typeAcct);

ShowBalance(currBal);

Repeat(&doAgain);

default :

printf("invalid Choice");

Repeat(&doAgain);

}

}

while(doAgain == 'Y' || doAgain == 'y');

return 1;

}

return 0;

}

void mainMenu(int \*choice)

{

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

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

printf("\n\t\* 1. Deposit \*");

printf("\n\t\* 2. Withdrawl \*");

printf("\n\t\* 3. Check Account Balance \*");

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

printf("\n\n");

printf("\n\tIMPOTANT :To transfer money first select \n(2) for WITHDRAWAL, then \n(1) for DEPOSIT\n");

scanf(" %d", choice);

}

//\*Displays the list of user’s options available

//\*\*Displays the user’s selections and sets the value of the choice

//Prompts the user for the amount of their deposit and updates the selected account

void DepositMoney( double \*currBal)

{

printf("How much would you like to deposit?: \n");

scanf(" %lf", currBal);

printf("Thank you, please take your receipt.\n");

}

//Asks the user if they want another transaction

void Repeat(char \* doAgain)

{

int choice;

printf("Would you like to make another transaction?\n");

printf("(Y)es / (N)o ? \n");

scanf(" %c", doAgain);

}

//Displays the types of account they would like to access and sets the

//value of the chosen account type

void AccountMenu( char \*typeAcct)

{

printf("Please select account: \n");

printf("Choose C for Checking\n");

printf("Choose S for Savings\n");

scanf(" %c", typeAcct);

}

//Prompts the user for the amount of the withdrawal, determines if there are

//sufficient funds and updates the selected account if funds are dispensed

void WithdrawMoney( double \*currBal)

{

printf("How much would you like to withdraw?\n");

scanf(" %lf", currBal);

printf("Thank you, please take your cash and receipt\n");

}

//Displays the user’s current account balance for the selected account

void ShowBalance( double currBal)

{

printf("You have %lf in your account\n", currBal);

}