**BANK APPLICATION CODE**

#include <stdio.h>

#include <conio.h>

#include <string.h>

#include <stdlib.h>

struct acc\_type

{

char bank\_name[20];

char bank\_branch[20];

char acc\_holder\_name[30];

int acc\_number;

char acc\_holder\_address[100];

float available\_balance;

};

struct acc\_type account[20];

int num\_acc;

void create\_new\_account();

void cash\_deposite();

void cash\_withdrawal();

void account\_information();

void log\_out;

void display\_options();

int main()

{

char option;

char f2f[50]="http://fresh2refresh.com/";

num\_acc=0;

while(1)

{

printf("Welcome to Bank Application \n");

printf("this is brought to uou by %s", f2f);

display\_options();

printf("please enter any options (1/2/3/4/5/6) to continue");

option=getch();

printf("%c\n", option);

switch(option)

{

case '1': create\_new\_account();

break;

case '2': cash\_deposite();

break;

case '3': cash\_withdrawal();

break;

case '4': account\_information();

break;

case '5': return 0;

case '6': system("cls");

break;

default : system("cls");

printf("please enter one of the options (1/2/3/4/5/6) to cotinue \n");

break;

}

}

return 0;

}

void display\_options()

{

printf("\n 1. create new account \n");

printf("2. cash deposite \n");

printf("3. cash withdrawal \n");

printf("4. account information \n");

printf("5. log out \n");

printf("6. clear the screen and dispplay available options \n");

}

void create\_new\_account()

{

char bank\_name[20];

char bank\_branch[20];

char acc\_holder\_name[30];

int acc\_number;

char acc\_holder\_address[100];

float available\_balance=0;

fflush(stdin);

printf("\n Enter the bank name :");

scanf("%s",&bank\_name);

printf("\n Enter the bank branch :");

scanf("%s", & bank\_branch);

printf("\n Enter the account holder name :");

scanf("%s", & acc\_holder\_name);

printf("\n Enter the account number :");

scanf("%d",& acc\_number);

printf("\n Enter the account holder address :");

scanf("%s",& acc\_holder\_address);

strcpy(account[acc\_number-1].bank\_name,bank\_name);

strcpy(account[acc\_number-1].bank\_branch,bank\_branch);

strcpy(account[acc\_number-1].acc\_holder\_name,acc\_holder\_name);

strcpy(account[acc\_number-1].acc\_number, acc\_number);

strcpy(acconut[acc\_number-1].acc\_holder\_address,acc\_holder\_address);

account[acc\_number-1].available\_balance=available\_balance;

printf("\n account has been created successfully \n\n");

printf("Bank name : %s \n",account[acc\_number-1].bank\_name);

printf("Bank branch : %s \n",account[acc\_number-1].bank\_branch);

printf("Account holder name : %s \n", account[acc\_number-1].acc\_holder\_name);

printf("Account number : %d \n",account[acc\_number-1].acc\_number);

printf("Account holder address : %s\n",account[acc\_number-1].acc\_holder\_address);

printf("available balance : %f \n", account[acc\_number-1].available\_balance);

}

void account\_information()

{

register int num\_acc=0;

while(strlen(account[num\_acc].bank\_name)>0)

{

printf("Bank name : %s \n",account[num\_acc].bank\_name);

printf("Bank branch : %s \n",account[num\_acc].bank\_branch);

printf("Account holder name : %s \n", account[num\_acc].acc\_holder\_name);

printf("Account number : %d \n",account[num\_acc].acc\_number);

printf("Account holder address : %s\n",account[num\_acc].acc\_holder\_address);

printf("available balance : %f \n", account[num\_acc].available\_balance);

num\_acc++;

}

}

void cash\_deposite()

{

auto int acc\_no;

float add\_money;

printf("Enter the number you want to deposit money:");

scanf("%d",&acc\_no);

printf("The current balance for account %d is %f \n",acc\_no,account[acc\_no-1].available\_balance);

printf("\n Enter the money you want to deposit : ");

scanf("%f",&add\_money);

while (acc\_no=account[acc\_no-1].acc\_number)

{

account[acc\_no-1].available\_balance=account[acc\_no-1].available\_balance+add\_money;

printf("\n The new balnce for account %d is %f \n", acc\_no,account[acc\_no-1].available\_balance);

break;

}acc\_no++;

}

void cash\_withdrawal()

{

auto int acc\_no;

float withdraw\_money;

printf("Enter account number you want to withdraw money : ");

scanf("%d",& acc\_no);

printf("\n Enter money you want to withdraw from account :");

scanf("%f", &withdraw\_money);

while (acc\_no=account[acc\_no-1].acc\_number)

{

account[acc\_no-1].available\_balance=account[acc\_no-1].available\_balance - withdraw\_money;

printf("\n The new balance for account %d is %f \n",acc\_no, account[acc\_no-1].available\_balance);

break;

}acc\_no++;

}





