

Ch.V.M.Pavan

RA2111004010409

Mini Project : Banking System

Code:

```
#include <stdio.h>
void display_options();
void create_new_account();
void deposit();
void withdraw();
void account_balance();
void edit_account();
void account_info();
void yellow();
void red();
void blue();
void green();
void purple();
void cayan();
void reset();
struct Bank{
char bank_name[20];
char branch_name[20];
char ac_holder_name[20];
char ac_holder_add[50];
long int ac_holder_phone_number;
}acc;
int balance=100000;
```

```
long int ac_no=7386382211;
void display_options(){
    red();
    printf("\n1.Create New Account");
    green();
    printf("\n2.Deposit");
    yellow();
    printf("\n3.Withdraw");
    blue();
    printf("\n4.Account Balance");
    purple();
    printf("\n5.Edit Account");
    cayan();
    printf("\n6.Account info");
}
void red(){
    printf("\033[0;31m");
}
void green(){
    printf("\033[0;32m");
}
void yellow(){
    printf("\033[0;33m");
}
void blue(){
    printf("\033[0;34m");
}
void purple(){
```

```
    printf("\033[0;35m");
}
void cayan(){
    printf("\033[0;36m");
}
void reset () {
    printf("\033[0m");
}
int main(){
    int op;
    char ch;
    yellow();
    printf("*****Welcome to Bank*****");
    //display_options();
    //printf("\nEnter the Option:");
    //scanf("%d",&op);
    //op=opc;
    do{
        display_options();
        red();
        printf("\nEnter the Option:");
        scanf("%d",&op);
        switch(op){
            case 1:
                create_new_account();
                break;
            case 2:
                deposit();
```

```
break;
case 3:
withdraw();
break;
case 4:
account_balance();
break;
case 5:
edit_account();
break;
case 6:
account_info();
break;
default:
green();
printf("\nEntered Option is Worng Enter the VALID option");
}blue();
printf ("\nDo you want to continue YES/NO:");
scanf(" %c", &ch);
} while(ch == 'y');
return 0;
}
void create_new_account(){
red();
printf("\nEnter the Bank Details:\n");
yellow();
printf("\nEnter the Bank Name:");
scanf("%s",acc.bank_name);
```

```
green();
printf("\nEnter the Branch Name: ");
scanf("%s",acc.branch_name);
blue();
printf("\nEnter the Account Holder Name:");
scanf("%s",acc.ac_holder_name);
cyan();
printf("\nEnter the Account Holder Address:");
scanf("%s",acc.ac_holder_add);
purple();
printf("\nEnter the Account Holder Phone Number:");
scanf("%ld",&acc.ac_holder_phone_number);
red();
printf("\nPls Check the Details is Correct");
printf("\nBank Name is: %s",acc.bank_name);
printf("\nBranch Name is: %s",acc.branch_name);
printf("\nAccount Number is: %ld",ac_no);
printf("\nAccount Holder Name is: %s",acc.ac_holder_name);
printf("\nAccount Holder Address is: %s",acc.ac_holder_add);
printf("\nAccount Holder Phone Number is:
%ld",acc.ac_holder_phone_number);
}
void deposit(){
int amount;
long int acc_no;
yellow();
printf("Enter the Account Number:");
scanf("%ld",&acc_no);
```

```
if (ac_no==acc_no){
blue();
printf("\nEnter the Amount:");
scanf("%d",&amount);
balance+=amount;
green();
printf("\nYour Balance in Account: %d",balance);
}
else {
red();
printf("\nYour Account Number is Worng");
}
}
void withdraw(){
long int acc_no;
int amount;
red();
printf("Enter the Account Number:");
scanf("%ld",&acc_no);
if (ac_no==acc_no){
yellow();
printf("\nEnter the Amount:");
scanf("%d",&amount);
balance-=amount;
blue();
printf("\nYour Balance in Account: %d",balance);
}
else {
```

```
    red();
    printf("\nYour Account Number is Worng");
}
}
void account_balance(){
    long int acc_no;
    red();
    printf("\nEnter the Account Number:");
    scanf("%ld",&acc_no);
    if (ac_no==acc_no){
        yellow();
        printf("\nBalance Amount in Account: %d",balance);
    }
}
void edit_account(){
    int op;
    red();
    printf("\n1.Holder Name");
    green();
    printf("\n2.Holder Address");
    yellow();
    printf("\n3.Holder Phone Number");
    long int acc_no;
    blue();
    printf("\nEnter the Account Number:");
    scanf("%ld",&acc_no);
    if (ac_no==acc_no){
        purple();
```

```
printf("\nEnter the Option:");
scanf("%d",&op);
switch(op){
case 1:
    red();
    printf("\nEnter the New Holder Name:");
    scanf("%s",acc.ac_holder_name);
    printf("Your New Name is: %s",acc.ac_holder_name);
    break;
case 2:
    green();
    printf("\nEnter the New Address:");
    scanf("%s",acc.ac_holder_add);
    printf("\nYour New Address is: %s",acc.ac_holder_add);
    break;
case 3:
    yellow();
    printf("\nEnter the New Holder Phone Number:");
    scanf("%ld",&acc.ac_holder_phone_number);
    printf("\nYour New Phone Number is:
    %ld",acc.ac_holder_phone_number);
    break;
default:
    printf("\nYour Option is INVALID");
}
}
else {
    printf("\nYour Account Number is Invalid");
```



```
}  
}  
void account_info(){  
    long int acc_no;  
    yellow();  
    printf("\nEnter the Account Number:");  
    scanf("%ld",&acc_no);  
    if (ac_no==acc_no){  
        red();  
        printf("\nYour Bank Name is: %s",acc.bank_name);  
        printf("\nYour Branch Name is: %s",acc.branch_name);  
        printf("\nYour Account Number is: %ld",ac_no);  
        printf("\nYour Name is: %s",acc.ac_holder_name);  
        printf("\nYour Address is: %s",acc.ac_holder_add);  
        printf("\nYour Phone Number is:  
%ld",acc.ac_holder_phone_number);  
    }  
    reset();  
}
```

```
*****Welcome to Bank*****
1.Create New Account
2.Deposit
3.Withdraw
4.Account Balance
5.Edit Account
6.Account info
Enter the Option:1

Enter the Bank Details:

Enter the Bank Name:HDFC

Enter the Branch Name: PALAKOL

Enter the Account Holder Name:PAVAN

Enter the Account Holder Address:PALAKOL

Enter the Account Holder Phone Number:9126123456

Pls Check the Details is Correct
Bank Name is: HDFC
Branch Name is: PALAKOL
Account Number is: 7386382211
Account Holder Name is: PAVAN
Account Holder Address is: PALAKOL
Account Holder Phone Number is: 9126123456
Do you want to continue YES/NO:
```

*****Welcome to Bank*****

1.Create New Account

2.Deposit

3.Withdraw

4.Account Balance

5.Edit Account

6.Account info

Enter the Option:2

Enter the Account Number:7386382211

Enter the Amount:100

Your Balance in Account: 100100

Do you want to continue YES/NO:

*****Welcome to Bank*****

1.Create New Account

2.Deposit

3.Withdraw

4.Account Balance

5.Edit Account

6.Account info


Enter the Option:3

Enter the Account Number:7386382211

Enter the Amount:100

Your Balance in Account: 99900

Do you want to continue YES/NO:YES



```
*****Welcome to Bank*****
1.Create New Account
2.Deposit
3.Withdraw
4.Account Balance
5.Edit Account
6.Account info
Enter the Option:4

Enter the Account Number:7386382211

Balance Amount in Account: 100000
Do you want to continue YES/NO:yes
```

```
*****Welcome to Bank*****
1.Create New Account
2.Deposit
3.Withdraw
4.Account Balance
5.Edit Account
6.Account info
Enter the Option:5

1.Holder Name
2.Holder Address
3.Holder Phone Number
Enter the Account Number:7386382211

Enter the Option:3

Enter the New Holder Phone Number:2211

Your New Phone Number is: 2211
Do you want to continue YES/NO:YES

...Program finished with exit code 0
Press ENTER to exit console.
```

*****Welcome to Bank*****

1.Create New Account

2.Deposit

3.Withdraw

4.Account Balance

5.Edit Account

6.Account info

Enter the Option:6

Enter the Account Number:7386382211

Your Bank Name is:

Your Branch Name is:

Your Account Number is: 7386382211

Your Name is:

Your Address is:

Your Phone Number is: 0

Do you want to continue YES/NO: ☐