

# BANK SOFTWARE

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## SOURCE 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 cyan();
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=500;
long int ac_no=9842868109;
void display_options(){
    red();
    printf("\n1.Create New Account");
    green();
    printf("\n2.Deposit");
    yellow();
    printf("\n3.Withdraw");
    blue();
    printf("\n4.Account Balance");
    purple();
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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:

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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);
    cayan();
    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);

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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 Wornng");
}
}
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 Wornng");
}
}
}

```

```

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);

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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();
}

```

## OUTPUT:

```

*****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:ICIC
Enter the Branch Name: KK_nagar
Enter the Account Holder Name:Amirthaa
Enter the Account Holder Address:Tulip_enclave
Enter the Account Holder Phone Number:9940029134
Please Check the Details is Correct
Bank Name is: ICIC
Branch Name is: KK_nagar
Account Number is: 9942940109
Account Holder Name is: Amirthaa
Account Holder Address is: Tulip_enclave
Account Holder Phone Number is: 9940029134
Do you want to continue YES/NO:y

```

```
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:9842868109

Enter the Amount:100000

Your Balance in Account: 100500
Do you want to continue YES/NO:y

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:9842868109

Enter the Amount:50000

Your Balance in Account: 50500
Do you want to continue YES/NO:y
```

```
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:9842868109

Enter the Amount:50000

Your Balance in Account: 50500
Do you want to continue YES/NO:y

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:9842868109

Balance Amount in Account: 50500
Do you want to continue YES/NO:y
```

```
.Create New Account
.Deposit
.Withdraw
.Account Balance
.Edit Account
.Account info
Enter the Option:3

.Holder Name
.Holder Address
.Holder Phone Number
Enter the Account Number:9842868109

Enter the Option:1

Enter the New Holder Name:Varshini
Your New Name is: Varshini
Do you want to continue YES/NO:y
```

```
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:9842868109

Your Bank Name is: ICIC
Your Branch Name is: HK_nagar
Your Account Number is: 9842868109
Your Name is: Varshini
Your Address is: Tulip enclave
Your Phone Number is: 9940029134
Do you want to continue YES/NO:y
```