

MINI PROJECT

BANK SOFTWARE

```
#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();
    printf("\n5.Edit Account");
    cyan();
    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("\nEnterred 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);
    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:
%d",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);
```



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        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();  
}
```

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:Canara_Bank  
  
Enter the Branch Name: Kulithalai  
  
Enter the Account Holder Name:Vimal  
  
Enter the Account Holder Address:Vyshiyal_street  
  
Enter the Account Holder Phone Number:9994942220  
  
Pls Check the Details is Correct  
Bank Name is: Canara_Bank  
Branch Name is: Kulithalai  
Account Number is: 9842868109  
Account Holder Name is: Vimal  
Account Holder Address is: Vyshiyal_street  
Account Holder Phone Number is: 9994942220  
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
```

```
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

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:9842868109

Enter the Option:1

Enter the New Holder Name:Prakash
```

```
input
1.Holder Name
2.Holder Address
3.Holder Phone Number
Enter the Account Number:9842868109

Enter the Option:1

Enter the New Holder Name:Prakash
Your New Name is: Prakash
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: Canara Bank
Your Branch Name is: Kulithalai
Your Account Number is: 9842868109
Your Name is: Prakash
Your Address is: Vyshiyai_street
Your Phone Number is: 9994942220
Do you want to continue YES/NO:n
```