

L viswa sai charan
RA2111004010425
MINI PROJECT (ATM)

```
#include <stdio.h>

void display_options();
void create_new_account();
void deposit();
void withdraw();
void account_balance();
void edit_account();
void account_info();
void orange();
void white();
void green();
void red();
void indigo();
void blue();
void yellow();
```

```
void reset();

struct Bank{

    char bank_name[20];

    char branch_name[30];

    char ac_holder_name[40];

    char ac_holder_add[50];

    long int ac_holder_phone_number;

}acc;

int balance=5000;

long int ac_no=2111004010425;

void display_options(){

    orange();

    printf("\n1.Create New Account");

    white ();

    printf("\n2.Deposit");

    green();

    printf("\n3.Withdraw");

    indigo();
```

```
printf("\n4.Account Balance");

blue();

printf("\n5.Edit Account");

yellow();

printf("\n6.Account info");

}

void orange(){

printf("\033[0;31m");

}

void white(){

printf("\033[0;32m");

}

void green(){

printf("\033[0;33m");

}

void red(){

printf("\033[0;34m");

}
```

```
void blue(){
    printf("\033[0;35m");
}

void yellow(){
    printf("\033[0;36m");
}

void indigo(){
    printf("\033[0;37");
}

void reset () {
    printf("\033[0m");
}

int main(){
    int op;
    char ch;
    yellow();
    printf("/**Welcome to Bank***/");
    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("\nEnterd Option is Worng Enter the
VALID option");

    }blue();

    printf ("\nDo you want to continue YES/NO:");

    scanf(" %c", &ch);

} while(ch == 's');

return 0;

}

void create_new_account(){

orange();
```

```
printf("\nEnter the Bank Details:\n");

white();

printf("\nEnter the Bank Name:");

scanf("%s",acc.bank_name);

green();

printf("\nEnter the Branch Name: ");

scanf("%s",acc.branch_name);

red();

printf("\nEnter the Account Holder Name:");

scanf("%s",acc.ac_holder_name);

blue();

printf("\nEnter the Account Holder Address:");

scanf("%s",acc.ac_holder_add);

yellow();

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){

        white();

        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();

}
```

input

Welcome to Bank

- 1.Create New Account
- 2.Deposit
- 3.Withdraw
- 4.Account Balance
- 5.Edit Account
account info

Enter the Option:1

Enter the Bank Details:

Enter the Bank Name:ANDHRA

Enter the Branch Name: DHARMAVARAM

Enter the Account Holder Name:L_Viswasai

Enter the Account Holder Address:6_765_pothukunta

Enter the Account Holder Phone Number:9390334164

Pls Check the Details is Correct

Bank Name is: ANDHRA

Branch Name is: DHARMAVARAM

Account Number is: 9842868109

Account Holder Name is: L_Viswasai

Account Holder Address is: 6_765_pothukunta

Account Holder Phone Number is: 9390334164

Do you want to continue YES/NO:y

```
      ✓  ⌂  ⌂
***Welcome to Bank***"
1.Create New Account
2.Deposit
3.Withdraw
4.Account Balance
5.Edit Account
account info
Enter the Option:2
Enter the Account Number:2111004010425

Enter the Amount:2400

Your Balance in Account: 7400
Do you want to continue YES/NO:s

1.Create New Account
2.Deposit
3.Withdraw
4.Account Balance
5.Edit Account
account info
Enter the Option:3
Enter the Account Number:2111004010425

Enter the Amount:2350

Your Balance in Account: 5050
Do you want to continue YES/NO:s
```

```
C++  
are.  
1.Create New Account  
2.Deposit  
3.Withdraw  
4.Display Balance  
5.Edit Account  
6.Account info  
Enter the Option:4
```

```
Enter the Account Number:2111004010425
```

```
Balance Amount in Account: 5050  
Do you want to continue YES/NO:s
```

```
1.Create New Account  
2.Deposit  
3.Withdraw  
4.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:2111004010425
```

```
Enter the Option:1
```

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

1.Create New Account

2.Deposit

3.Withdraw

ccount Balance

5.Edit Account

6.Account info

Enter the Option:6

Enter the Account Number:2111004010425

Your Bank Name is:

Your Branch Name is:

Your Account Number is: 2111004010425

Your Name is: L_VISWA_SAI

Your Address is: 6_428_pothukunta

Your Phone Number is: 9390334164

Do you want to continue YES/NO:s