**MINI PROJECT**

**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 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=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");

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);

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: %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();

}

**Output**:







