

BANK ATM SOFTWARE

A MINI PROJECT REPORT

Submitted by

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AIM: TO CREATE BANK ATM SOFTWARE WHICH IS USED

TO CREATE:

1. NEW BANK ACCOUNT
2. DEPOSIT MONEY,
3. WITHDRAW MONEY
4. BALANCE ENQUIRY ETC....

PROJECT DESCRIPTION:

THIS PROGRAM IS VERY USEFUL IN THE PRESENT BANK SYSTEM. BY USING THIS PROGRAM THERE WILL BE 6 USEFUL NEEDS. BY PRESSING "1" WE CAN CREATE A BANK ACCOUNT. BY PRESSING "2" WE CAN DEPOSIT MONEY. BY PRESSING "3" WE CAN WITHDRAW MONEY. BY PRESSING "4" WE CAN BE ABLE TO SEE OUR ACCOUNT BALANCE. BY PRESSING "5" WE CAN EDIT OUR BANK DETAILS LIKE NAME, PHONE NUMBER CHANGE ETC.. BY PRESSING "6" WE CAN BE ABLE TO KNOW OUR

ACCOUNT INFORMATION

Program 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;
longint ac_no=9842868109;
void display_options(){
red();
printf("\n1.CreateNewAccount");

green();
printf("\n2.Deposit");
yellow();
        printf("\n3.Withdraw");

blue();
printf("\n4.AccountBalance");
purple();
printf("\n5.Edit Account");
cyan();
printf("\n6.Accountinfo");
}
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");
}
intmain(){
    int
    op;char
    ch;yellow();
printf("*****WelcometoBank*****");
//display_options();
//printf("\nEntertheOption:");
//scanf("%d",&op);
//op=opc;
do{

    display_options();
    red();
    printf("\nEntertheOption:");
    scanf("%d",&op);

```

```

        switch(op){
case1:
            create_new_account();
            break;

case 2:
deposit();
            break;
case3:
withdraw();
            break;
case4:
account_balance();

            case6break;
case5:
edit_account();
            break;

account_info();

            break;

default:
            green();
            printf("\nEnter 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 AccountNumber:");
scanf("%ld",&acc_no);

                                if

(ac_no==acc_no){
yellow();
printf("\nEntertheAmount:");
scanf("%d",&amount);
balance-=amount;

    blue();
printf("\nYourBalancein Account:%d",balance);
}
else{
red();
printf("\nYourAccountNumberisWorng");
}
}

void account_balance(){

    long intacc_no;

    red();

printf("\nEnter the AccountNumber:");
scanf("%ld",&acc_no);

                                if

(ac_no==acc_no){
yellow();
printf("\nBalanceAmountin Account:%d",balance);
}
}

void edit_accout(){

```

```

intop;

red();
printf("\n1.Holder Name");

green();

printf("\n2.Holder Address");

yellow();

printf("\n3.Holder PhoneNumber");

        longint 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)

{

case1:

red();

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

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

NewNameis:%s",acc.ac_holder_name);

break;

case2:

green();

printf("\nEntertheNewAddress:");

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

printf("\nYour New Address is: %s",acc.ac_holder_add);                                break;

```

```

case3:
yellow();

printf("\nEnter the New Holder Phone Number:");

scanf("%ld",&acc.ac_holder_phone_number);
printf("\nYourNewPhone Numberis:%ld",acc.ac_holder_phone_number);
break;
default:

                printf("\nYourOptionisINVALID");
        }
}

else{
        printf("\nYourAccountNumberisInvalid");
}
}

voidaccount_info(){
        long int
        acc_no;yellow();
printf("\nEnter the AccountNumber:");
        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("\nYourAccountNumberis:%l"ac_no);

                printf("\nYourNameis:%s",
acc.ac_holder_name);                printf("\nYour
Addressis:%s",acc.ac_holder_add);

```

```
printf("\nYourPhoneNumber is:%ld",acc.ac_holder_phone_number);

    }

    reset();

}
```

INPUTANDOUTPUT

```

input
*****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:UNION_BANK_OF_INDIA

Enter the Branch Name: GANGAVARAM

Enter the Account Holder Name:VENKATESWAR_REDDY

Enter the Account Holder Address:LAKKAVARAM

Enter the Account Holder Phone Number:9392398614

Pls Check the Details is Correct
Bank Name is: UNION_BANK_OF_INDIA
Branch Name is: GANGAVARAM
Account Number is: 2896754367
Account Holder Name is: VENKATESWAR_REDDY
Account Holder Address is: LAKKAVARAM
Account Holder Phone Number is: 9392398614
Do you want to continue YES/NO:Y

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

```

```
input
*****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:9392398615

Balance Amount in Account: 500
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:9392398615

Your Bank Name is:
Your Branch Name is:
Your Account Number is: 9392398615
Your Name is:
Your Address is:
Your Phone Number is: 0
Do you want to continue YES/NO:n

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

CONCLUSION:

AS MENTIONED IN THE DESCRIPTION,WE CAN USE THE ATM MACHINES EASILY BY USING THIS PROGRAM.