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 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();
```

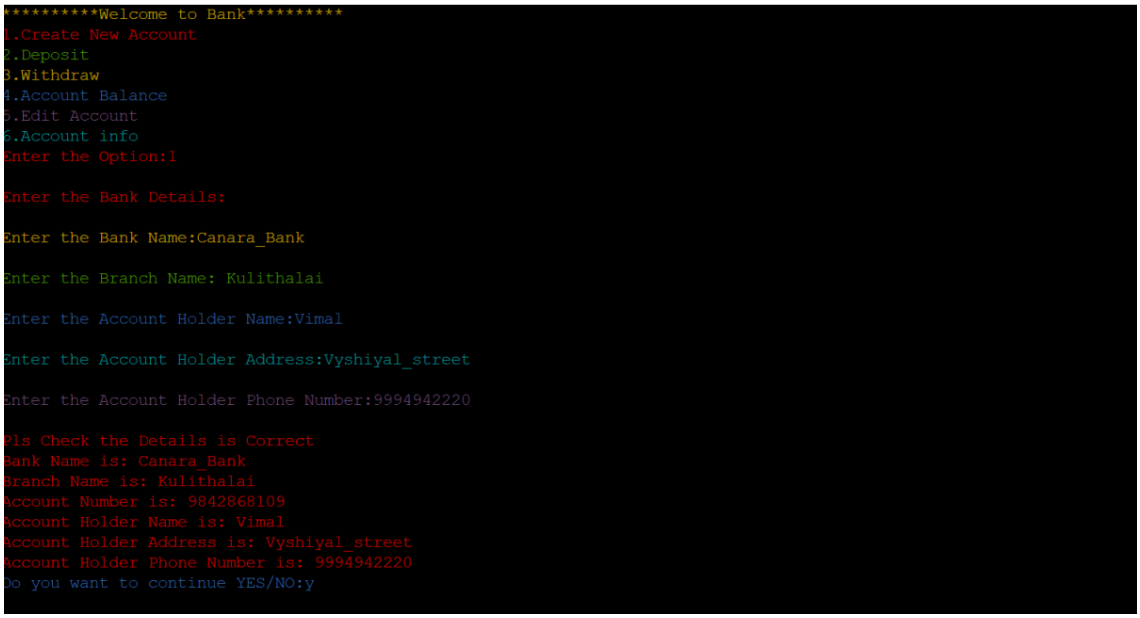
```
        printf("Enter the Account Number:");
        scanf("%ld",&acc_no);
        if (ac_no==acc_no){
                yellow();
                printf("\nEnter the Amount:");
                scanf("%d",&amount);
                balance-=amount;
                blue();
                printf("\nYour 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);
```

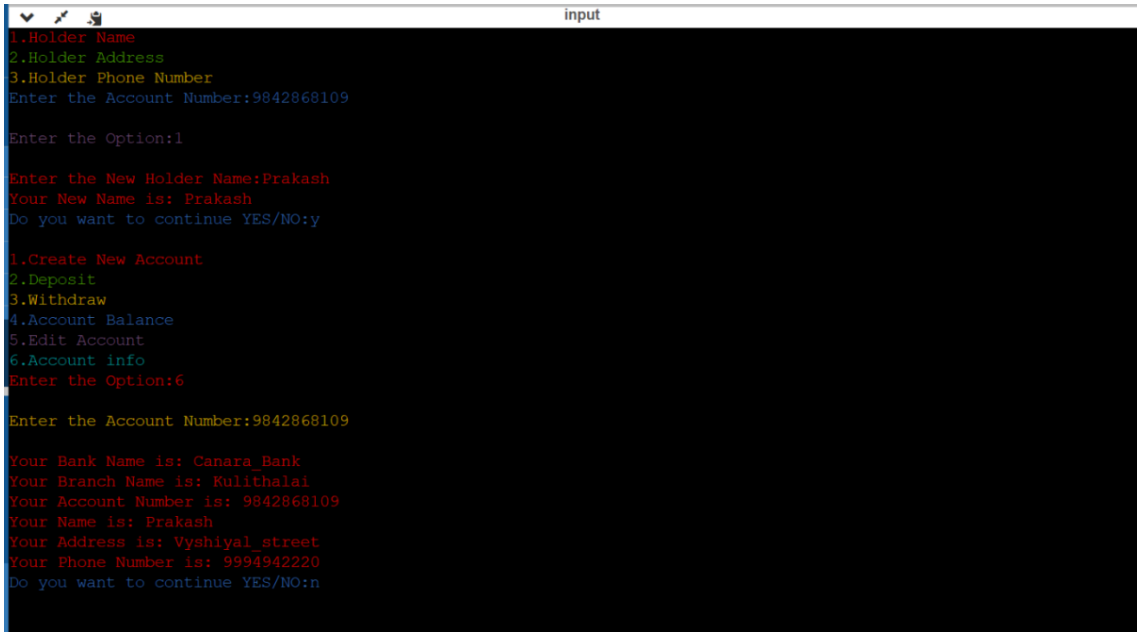
```
        printf("\nYour Account Number is: %ld",ac_no);
        printf("\nYour Name is: %s",acc.ac_holder_name);
        printf("\nYour Address is: %s",acc.ac_holder_add);
        printf("\nYour Phone Number is: %ld",acc.ac_holder_phone_number);
        }
        reset();
}
```

Output:



```
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
```



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