

PPS MINI PROJECT
BANK MANAGEMENT SYSTEM

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SYNOPSIS

In this project, you can create a new account, update information of an existing account, view and manage transactions, check the details of an existing account, remove existing account and view customers' list.

Overall, with this project, you can perform banking activities like in a REAL bank. Bank management mini project in C is a console application without graphics. It is compiled in Code::Blocks with gcc compiler.

The source code is password protected (password is 1234).

In this bank management system project in C, file handling has been used for almost all functions. File has been used to store data related to new account, transaction, editing of account information and viewing of account information.

SOURCE CODE

```
#include<stdio.h>
#include<stdlib.h>
#include<windows.h>
int i,j;
int main_exit;
void menu();
struct date{
    int month,day,year;
};
struct {
    char name[60];
    int acc_no,age;
    char address[60];
    char citizenship[15];
    double phone;
    char acc_type[10];
    float amt;
    struct date dob;
    struct date deposit;
    struct date withdraw;
    }add,upd,check,rem,transaction;
float interest(float t,float amount,int rate)
```

```

{
    float SI;
    SI=(rate*t*amount)/100.0;
    return (SI);
}

void fordelay(int j)
{
    int i,k;
    for(i=0;i<j;i++)
        k=i;
}

void new_acc()
{
    int choice;
    FILE *ptr;
    ptr=fopen("record.dat","a+");
    account_no:
    system("cls");
    printf("\t\t\t\xB2\xB2\xB2\ ADD RECORD
\xB2\xB2\xB2\xB2");
    printf("\n\n\nEnter today's date(dd/mm/yyyy):");
    scanf("%d/%d/%d",&add.deposit.month,&add.deposit.day,&add
.deposit.year);
    printf("\n\nEnter the account number:");
    scanf("%d",&check.acc_no);
    while(fscanf(ptr,"%d %s %d/%d/%d %d %s %s %lf %s %f
%d/%d/%d\n",&add.acc_no,add.name,&add.dob.month,&add.d

```

```
ob.day,&add.dob.year,&add.age,add.address,add.citizenship,&
add.phone,add.acc_type,&add.amt,&add.deposit.month,&add.d
eosit.day,&add.deposit.year)!=EOF)
```

```
{
    if (check.acc_no==add.acc_no)
        {printf("Account no. already in use!");
        fordelay(1000000000);
        goto account_no;
        }
```

```
}
```

```
add.acc_no=check.acc_no;
```

```
printf("\nEnter the name:");
```

```
scanf("%s",add.name);
```

```
printf("\nEnter the date of birth(dd/mm/yyyy):");
```

```
scanf("%d/%d/%d",&add.dob.month,&add.dob.day,&add.dob.y
ear);
```

```
printf("\nEnter the age:");
```

```
scanf("%d",&add.age);
```

```
printf("\nEnter the address:");
```

```
scanf("%s",add.address);
```

```
printf("\nEnter the citizenship number:");
```

```
scanf("%s",add.citizenship);
```

```
printf("\nEnter the phone number: ");
```

```
scanf("%lf",&add.phone);
```

```
printf("\nEnter the amount to deposit:$");
```

```
scanf("%f",&add.amt);
```

```

    printf("\nType of
account:\n\t#Saving\n\t#Current\n\t#Fixed1(for 1
year)\n\t#Fixed2(for 2 years)\n\t#Fixed3(for 3 years)\n\n\tEnter
your choice:");

    scanf("%s",add.acc_type);

    fprintf(ptr,"%d %s %d/%d/%d %d %s %s %lf %s %f
%d/%d/%d\n",add.acc_no,add.name,add.dob.month,add.dob.d
ay,add.dob.year,add.age,add.address,add.citizenship,add.phon
e,add.acc_type,add.amt,add.deposit.month,add.deposit.day,ad
d.deposit.year);

    fclose(ptr);

    printf("\nAccount created successfully!");

    add_invalid:

    printf("\n\n\n\t\tEnter 1 to go to the main menu and 0 to
exit:");

    scanf("%d",&main_exit);

    system("cls");

    if (main_exit==1)
        menu();
    else if(main_exit==0)
        close();
    else
    {
        printf("\nInvalid!\a");
        goto add_invalid;
    }
}

```

```

void view_list()
{
    FILE *view;
    view=fopen("record.dat","r");
    int test=0;
    system("cls");
    printf("\nACC. NO.\tNAME\t\tADDRESS\t\tPHONE\n");
    while(fscanf(view,"%d %s %d/%d/%d %d %s %s %lf %s %f
%d/%d/%d",&add.acc_no,add.name,&add.dob.month,&add.dob.day,&add.dob.year,&add.age,add.address,add.citizenship,&add.phone,add.acc_type,&add.amt,&add.deposit.month,&add.deposit.day,&add.deposit.year)!=EOF)
    {
        printf("\n%6d\t
%10s\t\t\t%10s\t\t%.0lf",add.acc_no,add.name,add.address,add.phone);
        test++;
    }
    fclose(view);
    if (test==0)
    {
        system("cls");
        printf("\nNO RECORDS!!\n");
    }
    view_list_invalid:
    printf("\n\nEnter 1 to go to the main menu and 0 to exit:");
    scanf("%d",&main_exit);
    system("cls");
    if (main_exit==1)

```

```

        menu();
    else if(main_exit==0)
        close();
    else
    {
        printf("\nInvalid!\a");
        goto view_list_invalid;
    }
}

void edit(void)
{
    int choice,test=0;
    FILE *old,*newrec;
    old=fopen("record.dat","r");
    newrec=fopen("new.dat","w");

    printf("\nEnter the account no. of the customer whose info
you want to change:");

    scanf("%d",&upd.acc_no);

    while(fscanf(old,"%d %s %d/%d/%d %d %s %s %lf %s %f
%d/%d/%d",&add.acc_no,add.name,&add.dob.month,&add.do
b.day,&add.dob.year,&add.age,add.address,add.citizenship,&a
dd.phone,add.acc_type,&add.amt,&add.deposit.month,&add.de
posit.day,&add.deposit.year)!=EOF)
    {
        if (add.acc_no==upd.acc_no)
        {
            test=1;

```



```

        printf("\nWhich information do you want to
change?\n1.Address\n2.Phone\n\nEnter your choice(1 for
address and 2 for phone):");

        scanf("%d",&choice);

        system("cls");

        if(choice==1)
        {printf("Enter the new address:");

        scanf("%s",upd.address);

        fprintf(newrec,"%d %s %d/%d/%d %d %s %s %lf %s
%f
%d/%d/%d\n",add.acc_no,add.name,add.dob.month,add.dob.d
ay,add.dob.year,add.age,upd.address,add.citizenship,add.phon
e,add.acc_type,add.amt,add.deposit.month,add.deposit.day,ad
d.deposit.year);

        system("cls");

        printf("Changes saved!");

        }

        else if(choice==2)
        {

        printf("Enter the new phone number:");

        scanf("%lf",&upd.phone);

        fprintf(newrec,"%d %s %d/%d/%d %d %s %s %lf %s
%f
%d/%d/%d\n",add.acc_no,add.name,add.dob.month,add.dob.d
ay,add.dob.year,add.age,add.address,add.citizenship,upd.phon
e,add.acc_type,add.amt,add.deposit.month,add.deposit.day,ad
d.deposit.year);

        system("cls");

```

```

        printf("Changes saved!");
    }
}

else

    fprintf(newrec,"%d %s %d/%d/%d %d %s %s %lf %s %f
%d/%d/%d\n",add.acc_no,add.name,add.dob.month,add.dob.d
ay,add.dob.year,add.age,add.address,add.citizenship,add.phon
e,add.acc_type,add.amt,add.deposit.month,add.deposit.day,ad
d.deposit.year);
}

fclose(old);
fclose(newrec);
remove("record.dat");
rename("new.dat","record.dat");
if(test!=1)
    {
        system("cls");
        printf("\nRecord not found!!\a\a\a");
        edit_invalid:

        printf("\nEnter 0 to try again,1 to return to main menu
and 2 to exit:");

        scanf("%d",&main_exit);
        system("cls");
        if (main_exit==1)
            menu();
        else if (main_exit==2)
            close();
    }
}

```

```

        else if(main_exit==0)
            edit();
        else
            {printf("\nInvalid!\a");
            goto edit_invalid;}
    }
else
    {printf("\n\n\nEnter 1 to go to the main menu and 0 to
exit:");
    scanf("%d",&main_exit);
    system("cls");
    if (main_exit==1)
        menu();
    else
        close();
    }
}

void transact(void)
{ int choice,test=0;
  FILE *old,*newrec;
  old=fopen("record.dat","r");
  newrec=fopen("new.dat","w");
  printf("Enter the account no. of the customer:");
  scanf("%d",&transaction.acc_no);

```

```
while (fscanf(old,"%d %s %d/%d/%d %d %s %s %lf %s %f
%d/%d/%d",&add.acc_no,add.name,&add.dob.month,&add.do
b.day,&add.dob.year,&add.age,add.address,add.citizenship,&a
dd.phone,add.acc_type,&add.amt,&add.deposit.month,&add.de
posit.day,&add.deposit.year)!=EOF)
```

```
{
```

```
    if(add.acc_no==transaction.acc_no)
```

```
    { test=1;
```

```
if(strcmpi(add.acc_type,"fixed1")==0||strcmpi(add.acc_type,"fix
ed2")==0||strcmpi(add.acc_type,"fixed3")==0)
```

```
{
```

```
    printf("\a\a\a\n\nYOU CANNOT DEPOSIT OR
WITHDRAW CASH IN FIXED ACCOUNTS!!!!");
```

```
    fordelay(1000000000);
```

```
    system("cls");
```

```
    menu();
```

```
}
```

```
    printf("\n\nDo you want
to\n1.Deposit\n2.Withdraw?\n\nEnter your choice(1 for deposit
and 2 for withdraw):");
```

```
    scanf("%d",&choice);
```

```
    if (choice==1)
```

```
{
```

```
    printf("Enter the amount you want to deposit:$ ");
```

```
    scanf("%f",&transaction.amt);
```

```
    add.amt+=transaction.amt;
```

```

        fprintf(newrec,"%d %s %d/%d/%d %d %s %s %lf
%s %f
%d/%d/%d\n",add.acc_no,add.name,add.dob.month,add.dob.d
ay,add.dob.year,add.age,add.address,add.citizenship,add.phon
e,add.acc_type,add.amt,add.deposit.month,add.deposit.day,ad
d.deposit.year);

        printf("\n\nDeposited successfully!");
    }
    else
    {
        printf("Enter the amount you want to withdraw:$ ");
        scanf("%f",&transaction.amt);
        add.amt-=transaction.amt;

        fprintf(newrec,"%d %s %d/%d/%d %d %s %s %lf
%s %f
%d/%d/%d\n",add.acc_no,add.name,add.dob.month,add.dob.d
ay,add.dob.year,add.age,add.address,add.citizenship,add.phon
e,add.acc_type,add.amt,add.deposit.month,add.deposit.day,ad
d.deposit.year);

        printf("\n\nWithdrawn successfully!");
    }
}
else
{
    fprintf(newrec,"%d %s %d/%d/%d %d %s %s %lf %s
%f
%d/%d/%d\n",add.acc_no,add.name,add.dob.month,add.dob.d
ay,add.dob.year,add.age,add.address,add.citizenship,add.phon

```

```
e,add.acc_type,add.amt,add.deposit.month,add.deposit.day,ad  
d.deposit.year);
```

```
}
```

```
}
```

```
fclose(old);
```

```
fclose(newrec);
```

```
remove("record.dat");
```

```
rename("new.dat","record.dat");
```

```
if(test!=1)
```

```
{
```

```
    printf("\n\nRecord not found!!");
```

```
    transact_invalid:
```

```
    printf("\n\n\nEnter 0 to try again,1 to return to main menu  
and 2 to exit:");
```

```
    scanf("%d",&main_exit);
```

```
    system("cls");
```

```
    if (main_exit==0)
```

```
        transact();
```

```
    else if (main_exit==1)
```

```
        menu();
```

```
    else if (main_exit==2)
```

```
        close();
```

```
    else
```

```
    {
```

```
        printf("\nInvalid!");
```

```

        goto transact_invalid;
    }
}
else
{
    printf("\nEnter 1 to go to the main menu and 0 to exit:");
    scanf("%d",&main_exit);
    system("cls");
    if (main_exit==1)
        menu();
    else
        close();
}
}
void erase(void)
{
    FILE *old,*newrec;
    int test=0;
    old=fopen("record.dat","r");
    newrec=fopen("new.dat","w");
    printf("Enter the account no. of the customer you want to
delete:");
    scanf("%d",&rem.acc_no);
    while (fscanf(old,"%d %s %d/%d/%d %d %s %s %lf %s %f
%d/%d/%d",&add.acc_no,add.name,&add.dob.month,&add.do
b.day,&add.dob.year,&add.age,add.address,add.citizenship,&a

```

```
dd.phone,add.acc_type,&add.amt,&add.deposit.month,&add.deposit.day,&add.deposit.year)!=EOF)
```

```
{
```

```
    if(add.acc_no!=rem.acc_no)
```

```
        fprintf(newrec,"%d %s %d/%d/%d %d %s %s %lf %s %f
%d/%d/%d\n",add.acc_no,add.name,add.dob.month,add.dob.d
ay,add.dob.year,add.age,add.address,add.citizenship,add.phon
e,add.acc_type,add.amt,add.deposit.month,add.deposit.day,ad
d.deposit.year);
```

```
    else
```

```
        {test++;
```

```
        printf("\nRecord deleted successfully!\n");
```

```
    }
```

```
}
```

```
fclose(old);
```

```
fclose(newrec);
```

```
remove("record.dat");
```

```
rename("new.dat","record.dat");
```

```
if(test==0)
```

```
{
```

```
    printf("\nRecord not found!!\a\a\a");
```

```
    erase_invalid:
```

```
        printf("\nEnter 0 to try again,1 to return to main menu
and 2 to exit:");
```

```
        scanf("%d",&main_exit);
```

```
        if (main_exit==1)
```

```
            menu();
```



```

        else if (main_exit==2)
            close();
        else if(main_exit==0)
            erase();
        else
            {printf("\nInvalid!\a");
            goto erase_invalid;}
    }
else
    {printf("\nEnter 1 to go to the main menu and 0 to exit:");
    scanf("%d",&main_exit);
    system("cls");
    if (main_exit==1)
        menu();
    else
        close();
    }
}

void see(void)
{
    FILE *ptr;
    int test=0,rate;
    int choice;
    float time;
    float intrst;

```

```

ptr=fopen("record.dat","r");

printf("Do you want to check by\n1.Account
no\n2.Name\nEnter your choice:");

scanf("%d",&choice);

if (choice==1)
{
    printf("Enter the account number:");

    scanf("%d",&check.acc_no);

    while (fscanf(ptr,"%d %s %d/%d/%d %d %s %s %lf %s %f
%d/%d/%d",&add.acc_no,add.name,&add.dob.month,&add.do
b.day,&add.dob.year,&add.age,add.address,add.citizenship,&a
dd.phone,add.acc_type,&add.amt,&add.deposit.month,&add.de
posit.day,&add.deposit.year)!=EOF)
    {

        if(add.acc_no==check.acc_no)
        {
            system("cls");

            test=1;

            printf("\nAccount NO.:%d\nName:%s
\nDOB:%d/%d/%d \nAge:%d \nAddress:%s \nCitizenship
No:%s \nPhone number:%.0lf \nType Of Account:%s \nAmount
deposited:$ %.2f \nDate Of
Deposit:%d/%d/%d\n\n",add.acc_no,add.name,add.dob.month,
add.dob.day,add.dob.year,add.age,add.address,add.citizenship
,add.phone,
add.acc_type,add.amt,add.deposit.month,add.deposit.day,add.
deposit.year);

            if(strncmpi(add.acc_type,"fixed1")==0)
            {

                time=1.0;

```

```

        rate=9;
        intrst=interest(time,add.amt,rate);
        printf("\n\nYou will get $%.2f as interest on
%d/%d/%d",intrst,add.deposit.month,add.deposit.day,add.depo
sit.year+1);
    }
    else if(strcmpi(add.acc_type,"fixed2")==0)
    {
        time=2.0;
        rate=11;
        intrst=interest(time,add.amt,rate);
        printf("\n\nYou will get $%.2f as interest on
%d/%d/%d",intrst,add.deposit.month,add.deposit.day,add.depo
sit.year+2);
    }
    else if(strcmpi(add.acc_type,"fixed3")==0)
    {
        time=3.0;
        rate=13;
        intrst=interest(time,add.amt,rate);
        printf("\n\nYou will get $%.2f as interest on
%d/%d/%d",intrst,add.deposit.month,add.deposit.day,add.depo
sit.year+3);
    }
    else if(strcmpi(add.acc_type,"saving")==0)
    {
        time=(1.0/12.0);

```

```

        rate=8;
        intrst=interest(time,add.amt,rate);
        printf("\n\nYou will get $.%.2f as interest on %d
of every month",intrst,add.deposit.day);
    }
    else if(strcmpi(add.acc_type,"current")==0)
    {
        printf("\n\nYou will get no interest\n\n");
    }
}
}
}
else if (choice==2)
{
    printf("Enter the name:");
    scanf("%s",&check.name);

    while (fscanf(ptr,"%d %s %d/%d/%d %d %s %s %lf %s %f
%d/%d/%d",&add.acc_no,add.name,&add.dob.month,&add.dob.day,&add.dob.year,&add.age,add.address,add.citizenship,&add.phone,add.acc_type,&add.amt,&add.deposit.month,&add.deposit.day,&add.deposit.year)!=EOF)
    {
        if(strcmpi(add.name,check.name)==0)
        {
            system("cls");
            test=1;

            printf("\nAccount No.:%d\nName:%s
\nDOB:%d/%d/%d \nAge:%d \nAddress:%s \nCitizenship
No:%s \nPhone number:%.0lf \nType Of Account:%s \nAmount

```

```
deposited:$%.2f \nDate Of
Deposit:%d/%d/%d\n\n",add.acc_no,add.name,add.dob.month,
add.dob.day,add.dob.year,add.age,add.address,add.citizenship
,add.phone,
```

```
add.acc_type,add.amt,add.deposit.month,add.deposit.day,add.
deposit.year);
```

```
    if(strcmpi(add.acc_type,"fixed1")==0)
    {
        time=1.0;
        rate=9;
        intrst=interest(time,add.amt,rate);
        printf("\n\nYou will get $%.2f as interest on
%d/%d/%d",intrst,add.deposit.month,add.deposit.day,add.depo
sit.year+1);
    }
```

```
    else if(strcmpi(add.acc_type,"fixed2")==0)
    {
        time=2.0;
        rate=11;
        intrst=interest(time,add.amt,rate);
        printf("\n\nYou will get $%.2f as interest on
%d/%d/%d",intrst,add.deposit.month,add.deposit.day,add.depo
sit.year+2);
```

```
    }
    else if(strcmpi(add.acc_type,"fixed3")==0)
```

```

        {
            time=3.0;
            rate=13;
            intrst=interest(time,add.amt,rate);
            printf("\n\nYou will get $.%.2f as interest on
%d/%d/%d",intrst,add.deposit.month,add.deposit.day,add.depo
sit.year+3);
        }
    else if(strcmpi(add.acc_type,"saving")==0)
    {
        time=(1.0/12.0);
        rate=8;
        intrst=interest(time,add.amt,rate);
        printf("\n\nYou will get $.%.2f as interest on %d
of every month",intrst,add.deposit.day);
    }
    else if(strcmpi(add.acc_type,"current")==0)
    {
        printf("\n\nYou will get no interest\n\n");
    }
}

}

fclose(ptr);
if(test!=1)
{
    system("cls");
}

```

```

printf("\nRecord not found!!\a\a\a");
see_invalid:

printf("\nEnter 0 to try again,1 to return to main menu
and 2 to exit:");
scanf("%d",&main_exit);
system("cls");
if (main_exit==1)
    menu();
else if (main_exit==2)
    close();
else if(main_exit==0)
    see();
else
{
    system("cls");
    printf("\nInvalid!\a");
    goto see_invalid;}
}
else
{printf("\nEnter 1 to go to the main menu and 0 to exit:");
scanf("%d",&main_exit);}
if (main_exit==1)
{
    system("cls");
    menu();

```

```

    }
    else
    {
        system("cls");
        close();
    }
}

void close(void)
{
    printf("\n\n\n\nThis C Mini Project is developed by Shaurya");
}

void menu(void)
{
    int choice;
    system("cls");
    system("color 9");
    printf("\n\n\t\t\tCUSTOMER ACCOUNT BANKING
MANAGEMENT SYSTEM");

    printf("\n\n\n\t\t\t\xB2\xB2\xB2\xB2\xB2\xB2\xB2 WELCOME
TO THE MAIN MENU \xB2\xB2\xB2\xB2\xB2\xB2\xB2");

    printf("\n\n\t\t\t1.Create new account\n\t\t\t2.Update information
of existing account\n\t\t\t3.For transactions\n\t\t\t4.Check the
details of existing account\n\t\t\t5.Removing existing
account\n\t\t\t6.View customer's list\n\t\t\t7.Exit\n\n\n\n\n\t\t\t Enter
your choice:");

    scanf("%d",&choice);

    system("cls");

```



```
switch(choice)
{
    case 1:new_acc();
    break;
    case 2:edit();
    break;
    case 3:transact();
    break;
    case 4:see();
    break;
    case 5:erase();
    break;
    case 6:view_list();
    break;
    case 7:close();
    break;

}
}
int main()
{
    char pass[10],password[10]="1234";
    int i=0;
    printf("\n\n\t\tEnter the password to login:");
    scanf("%s",pass);
```

```

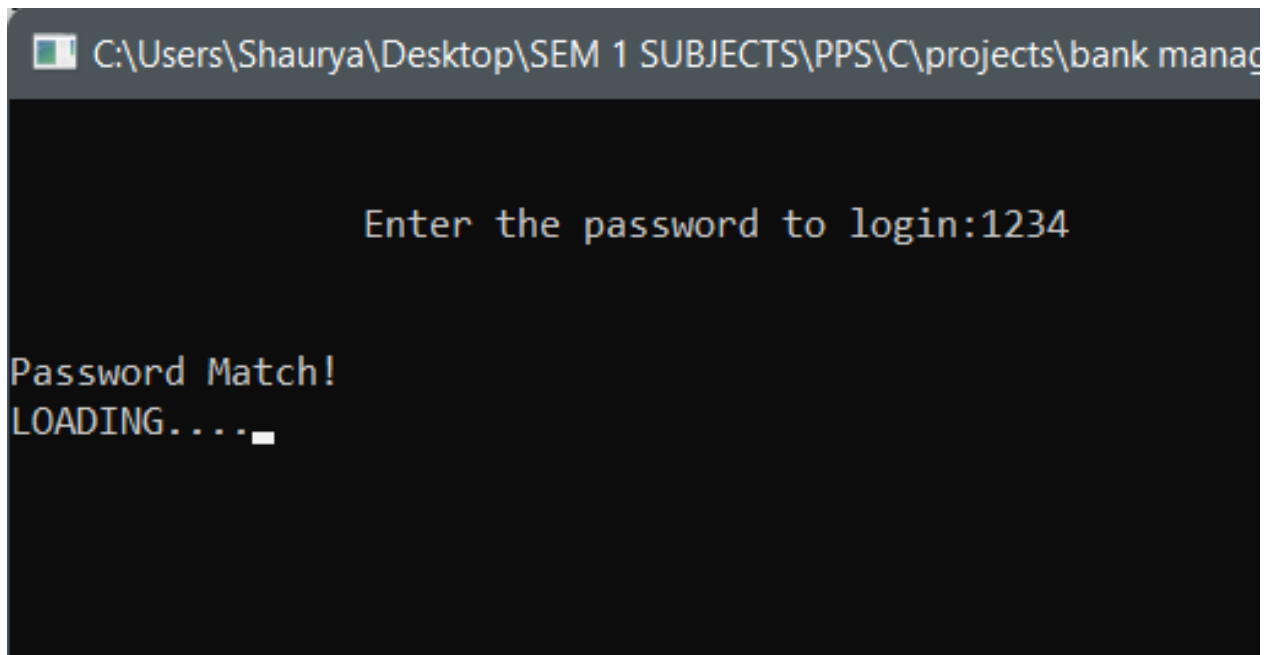
/*do
{
//if (pass[i]!=13&&pass[i]!=8)
{
    printf("*");
    pass[i]=getch();
    i++;
}
}while (pass[i]!=13);
pass[10]='\0';*/
if (strcmp(pass,password)==0)
    {printf("\n\nPassword Match!\nLOADING");
    for(i=0;i<=6;i++)
    {
        fordelay(1000000000);
        printf(".");
    }
        system("cls");
        menu();
    }
else
    { printf("\n\nWrong password!!\a\a\a");
    login_try:
    printf("\nEnter 1 to try again and 0 to exit:");
    scanf("%d",&main_exit);

```

```
if (main_exit==1)
{
    system("cls");
    main();
}
else if (main_exit==0)
{
    system("cls");
    close();}
else
{printf("\nInvalid!");
fordelay(1000000000);
system("cls");
goto login_try;}
}
return 0;
}
```

OUTPUT

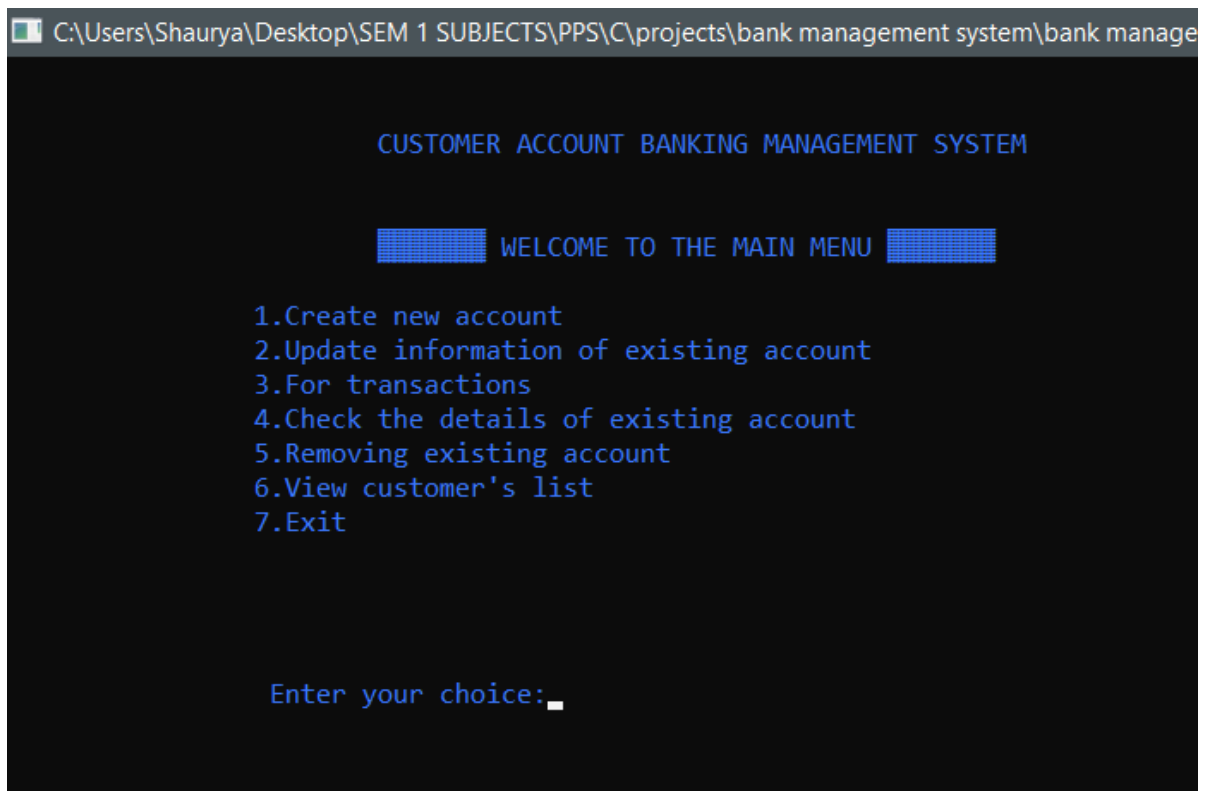
Password (Login)



```
C:\Users\Shaurya\Desktop\SEM 1 SUBJECTS\PPS\C\projects\bank management system\bank management system>
Enter the password to login:1234

Password Match!
LOADING.....
```

Main Menu



```
C:\Users\Shaurya\Desktop\SEM 1 SUBJECTS\PPS\C\projects\bank management system\bank management system>
CUSTOMER ACCOUNT BANKING MANAGEMENT SYSTEM

██████████ WELCOME TO THE MAIN MENU ██████████

1.Create new account
2.Update information of existing account
3.For transactions
4.Check the details of existing account
5.Removing existing account
6.View customer's list
7.Exit

Enter your choice:
```

(1) Creating an account

```
Enter the account number:1409912731

Enter the name:Shaurya

Enter the date of birth(dd/mm/yyyy):02/10/2003

Enter the age:18

Enter the address:Delhi

Enter the citizenship number:04521

Enter the phone number: 9999847323

Enter the amount to deposit:$10000

Type of account:
    #Saving
    #Current
    #Fixed1(for 1 year)
    #Fixed2(for 2 years)
    #Fixed3(for 3 years)

    Enter your choice:1

Account created successfully!

Enter 1 to go to the main menu and 0 to exit: _
```

```
record - Notepad PREVIEW
File Edit View

1183728430 ninaad 14/7/2003 18 Dwarka 12598 9773663022.000000 2 3000.000000 29/12/2021
1167367031 Pragya 21/9/2002 19 Jamshedpur 02356 7717741252.000000 3 12000.000000 29/12/2021
1409912731 Shaurya 2/10/2003 18 Delhi 04521 9999847323.000000 1 10000.000000 29/12/2021
```

(2) Updating account

```
C:\Users\Shaurya\Desktop\SEM 1 SUBJECTS\PPS\C\projects\bank management system\bank management system>
Enter the account no. of the customer whose info you want to change:1409912731
Which information do you want to change?
1.Address
2.Phone
Enter your choice(1 for address and 2 for phone):1_
```

```
C:\Users\Shaurya\Desktop\SEM 1 SUBJECTS\PPS\C\projects\bank management system>
Enter the new address:Mumbai_
```

```
C:\Users\Shaurya\Desktop\SEM 1 SUBJECTS\PPS\C\projects\bank management system>
Changes saved!

Enter 1 to go to the main menu and 0 to exit:
```

```
File Edit View

1183728430 ninaad 14/7/2003 18 Dwarka 12598 9773663022.000000 2 3000.000000 29/12/2021
1167367031 Pragya 21/9/2002 19 Jamshedpur 02356 7717741252.000000 3 12000.000000 29/12/2021
1409912731 Pragya 21/9/2002 18 Mumbai 04521 9999847323.000000 1 10000.000000 29/12/2021
```

(3.1) Transaction (Deposit)

```
C:\Users\Shaurya\Desktop\SEM 1 SUBJECTS\PPS\C\projects\bank management system
Enter the account no. of the customer:1409912731

Do you want to
1.Deposit
2.Withdraw?

Enter your choice(1 for deposit and 2 for withdraw):1
Enter the amount you want to deposit:$ 2000

Deposited successfully!
Enter 1 to go to the main menu and 0 to exit: 1
```

```
record - Notepad PREVIEW
File Edit View

1183728430 ninaad 14/7/2003 18 Dwarka 12598 9773663022.000000 2 3000.000000 29/12/2021
1167367031 Pragya 21/9/2002 19 Jamshedpur 02356 7717741252.000000 3 12000.000000 29/12/2021
1409912731 Shaurya 2/10/2003 18 Mumbai 04521 9999847323.000000 1 12000.000000 29/12/2021
```


(3.2) Transaction (Withdraw)

```
C:\Users\Shaurya\Desktop\SEM 1 SUBJECTS\PPS\C\projects\bank management system
Enter the account no. of the customer:1409912731

Do you want to
1.Deposit
2.Withdraw?

Enter your choice(1 for deposit and 2 for withdraw):2
Enter the amount you want to withdraw:$ 5000

Withdrawn successfully!
Enter 1 to go to the main menu and 0 to exit:
```

```
record - Notepad PREVIEW
File Edit View

1183728430 ninaad 14/7/2003 18 Dwarka 12598 9773663022.000000 2 3000.000000 29/12/2021
1167367031 Pragya 21/9/2002 19 Jamshedpur 02356 7717741252.000000 3 12000.000000 29/12/2021
1409912731 Shaurya 2/10/2003 18 Mumbai 04521 9999847323.000000 1 7000.000000 29/12/2021
```

(4) Details of a particular customer

```
C:\Users\Shaurya\Desktop\SEM 1 SUBJECTS\PPS\C
Do you want to check by
1.Account no
2.Name
Enter your choice:2
Enter the name:Shaurya
```

```
C:\Users\Shaurya\Desktop\SEM 1 SUBJECTS\PPS\C\projects\bank me
Account No.:1409912731
Name:Shaurya
DOB:2/10/2003
Age:18
Address:Mumbai
Citizenship No:04521
Phone number:9999847323
Type Of Account:1
Amount deposited:$7000.00
Date Of Deposit:29/12/2021

Enter 1 to go to the main menu and 0 to exit:█
```

(5) Deleting a bank account

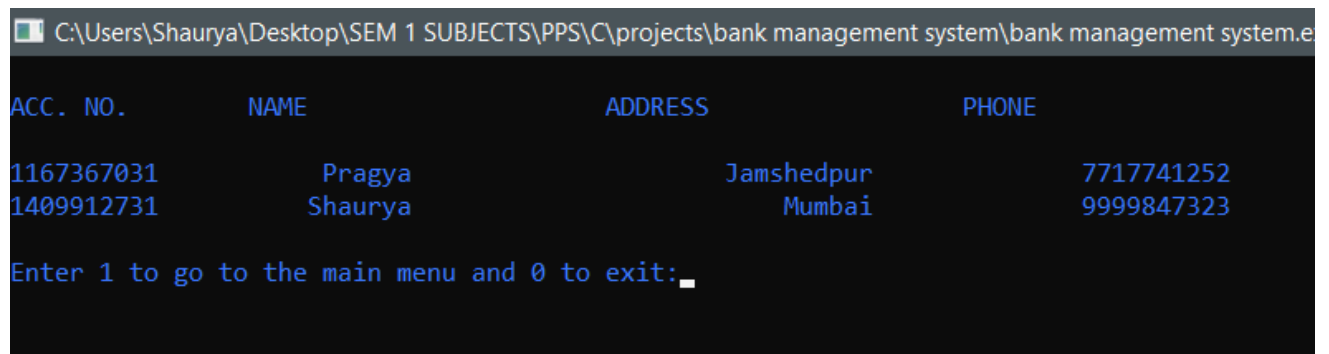
```
C:\Users\Shaurya\Desktop\SEM 1 SUBJECTS\PPS\C\projects\bank management system\b
Enter the account no. of the customer you want to delete:1183728430

Record deleted successfully!

Enter 1 to go to the main menu and 0 to exit:
```

```
record - Notepad PREVIEW
File Edit View
1167367031 Pragya 21/9/2002 19 Jamshedpur 02356 7717741252.000000 3 12000.000000 29/12/2021
1409912731 Shaurya 2/10/2003 18 Mumbai 04521 9999847323.000000 1 7000.000000 29/12/2021
```

(6) List of all customers registered in the system

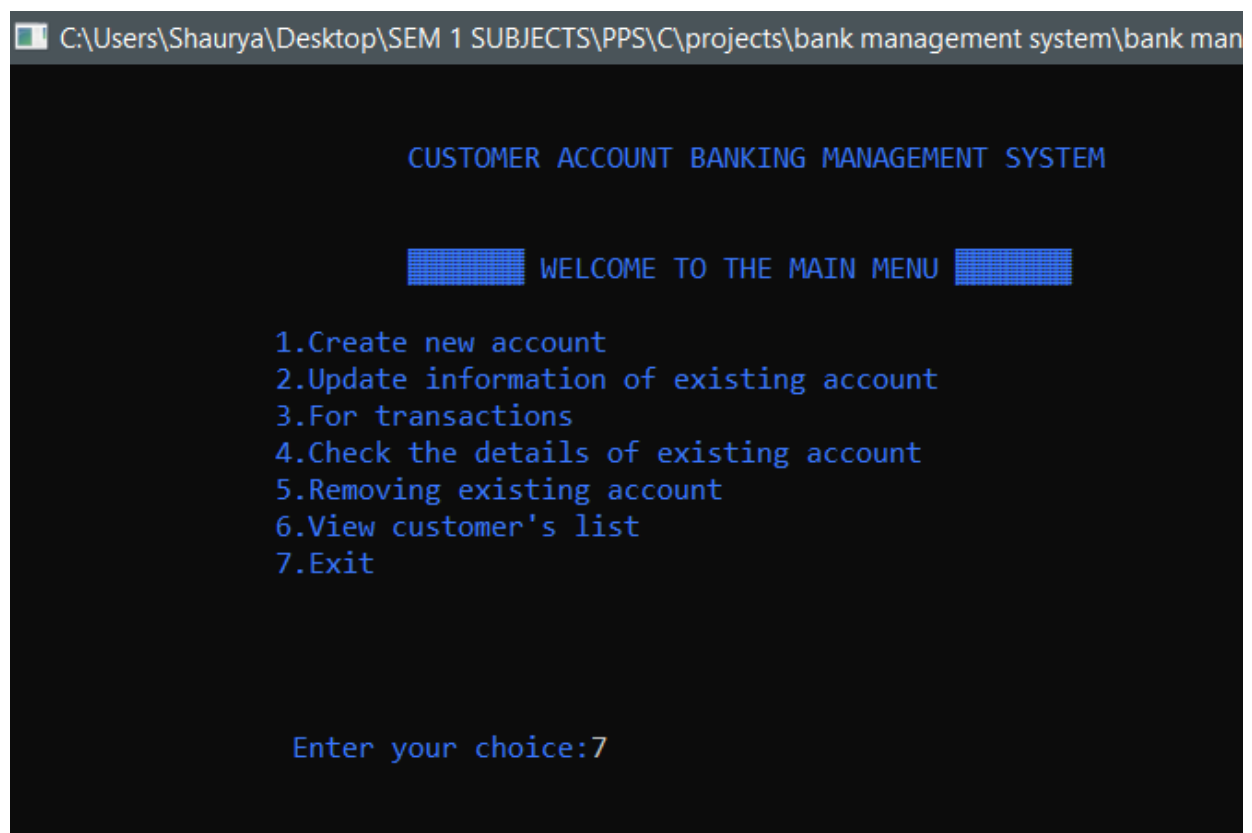


The screenshot shows a terminal window with the title bar "C:\Users\Shaurya\Desktop\SEM 1 SUBJECTS\PPS\C\projects\bank management system\bank management system.e". The terminal displays a table of customer data with four columns: ACC. NO., NAME, ADDRESS, and PHONE. The data is as follows:

ACC. NO.	NAME	ADDRESS	PHONE
1167367031	Pragya	Jamshedpur	7717741252
1409912731	Shaurya	Mumbai	9999847323

Below the table, the prompt "Enter 1 to go to the main menu and 0 to exit:_" is displayed.

(7) Exit



The screenshot shows a terminal window with the title bar "C:\Users\Shaurya\Desktop\SEM 1 SUBJECTS\PPS\C\projects\bank management system\bank man". The terminal displays the title "CUSTOMER ACCOUNT BANKING MANAGEMENT SYSTEM" and a welcome message "WELCOME TO THE MAIN MENU" flanked by decorative patterns. A list of options is shown:

- 1.Create new account
- 2.Update information of existing account
- 3.For transactions
- 4.Check the details of existing account
- 5.Removing existing account
- 6.View customer's list
- 7.Exit

At the bottom, the prompt "Enter your choice:7" is displayed.

