

CUSTOMER CLASS

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;

namespace Assesment
{
    public class Customer
    {
        private string customername;
        private int age;
        public Customer(string Customername,int Age)
        {
            this.customername = Customername;
            this.age = Age;
        }

        public string Customername { get => customername; set => customername = value; }
        public int Age { get => age; set => age = value; }
    }
}
```

LOAN ACCOUNT CLASS

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;

namespace Assesment
{
    public class LoanAccount:Customer
    {
        private int loanaccountnumber;
        private int loanamount;
        private int loantenureyrs;
        //Customer customer =new Customer(Customername,Age);

        public LoanAccount(string Customername, int Age, int loanaccountnumber,int loanamount, int loantenureyrs):base(Customername,Age)
        {
            this.Loanaccountnumber = loanaccountnumber;
            this.Loanamount = loanamount;
            this.Loantenureyrs = loantenureyrs;
        }

        public int Loanaccountnumber { get => loanaccountnumber; set => loanaccountnumber = value; }
        public int Loanamount { get => loanamount; set => loanamount = value; }
        public int Loantenureyrs { get => loantenureyrs; set => loantenureyrs = value; }
    }
}
```

```

public void loandisplay()
{
    Console.WriteLine("Name" + Customername);
    Console.WriteLine("Age" + Age);
    Console.WriteLine("Loanaccountnumber" + this.Loanaccountnumber);
    Console.WriteLine("Loan Amount" + this.Loanamount);
    Console.WriteLine("Loan Tenure in years " + this.Loantenureyrs);
}
}
}

```

SAVINGS ACCOUNT CLASS

```

using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;

namespace Assesment
{
    internal class SavingsAccount : Customer
    {
        private int acntno;
        private int amount;
        private string bankname;
        private string IFSC;

        public SavingsAccount(string Customername, int Age, int acntno, int amount, string bankname, string IFSC):base(Customername, Age)
        {
            this.Acntno = Acntno;
            this.Amount = Amount;

            this.Bankname = Bankname;
            this.IFSC1 = IFSC1;
        }

        public int Acntno { get => acntno; set => acntno = value; }
        public int Amount { get => amount; set => amount = value; }
        public string Bankname { get => bankname; set => bankname = value; }
        public string IFSC1 { get => IFSC; set => IFSC = value; }

        public void savingdisplay()
        {
            Console.WriteLine("Customer Name" + Customername);
            Console.WriteLine("Age" + Age);
            Console.WriteLine("Account Number" + Acntno);
            Console.WriteLine("Amount" + Amount);
            Console.WriteLine("Bankname" + Bankname);
            Console.WriteLine("IFSC" + IFSC1);
        }
    }
}

```

```
}
```

PROGRAM CLASS

```
using System;
using System.Collections.Generic;
using System.Diagnostics.SymbolStore;
using System.Linq;
using System.Runtime.CompilerServices;
using System.Text;
using System.Threading.Tasks;

namespace Assessment
{
    internal class Program
    {
        public static void Main(string[] args)
        {
            Console.WriteLine("Enter your name");
            string name=Console.ReadLine();
            Console.WriteLine("Enter your age");
            int age=Convert.ToInt32(Console.ReadLine());

            Console.WriteLine("Enter type of account 1.LOAN ACCOUNT 2.SAVINGS ACCOUNT");
            int ch= Convert.ToInt32(Console.ReadLine());
            switch(ch)
            {
                case 1:
                    Console.WriteLine("Enter loan account number");
                    int loanaccountnumber=Convert.ToInt32(Console.ReadLine());
                    Console.WriteLine("Enter loan amount");
                    int loanamount=Convert.ToInt32(Console.ReadLine());
                    Console.WriteLine("Enter loan Tenure in years");
                    int loantenureyrs=Convert.ToInt32(Console.ReadLine());
                    LoanAccount loanAccount=new LoanAccount( name,age, loanaccountnumber, loanamount,
loanatenureyrs);
                    loanAccount.loandisplay();

                    break;
                case 2:
                    Console.WriteLine("Enter savings account number");
                    int acntno=Convert.ToInt32(Console.ReadLine());
                    Console.WriteLine("Enter savings amount");
                    int amount=Convert.ToInt32(Console.ReadLine());
                    Console.WriteLine("Enter bankname");
                    string bankname=Console.ReadLine();
                    Console.WriteLine("Enter ifsc code");
                    string IFSC=Console.ReadLine();
                    SavingsAccount savingsaccount = new SavingsAccount( name,age,acntno, amount, bankname,
IFSC);
                    savingsaccount.savingdisplay();

                    break;
                default:
```

```
Console.WriteLine("Enter valid option");  
break;
```

```
}
```

```
}
```

```
}
```

```
}
```