

```
package Bank_Project;

public interface Bank {

    public void CreateAccount();
    public void withdraw();
    public void deposit();
    public void transfer();
    public void ministatement();

}
```

```
package Bank_Project;

import java.util.Scanner;

public class BankOperation implements Bank {

    Scanner sc=new Scanner(System.in);
    double withdraw;
    double transfer;
    double deposit;
    double opening_Balance;
    double total_balance;
    double account_two;

    public void CreateAccount() {
        Scanner sc=new Scanner(System.in);
        System.out.println("Welcome to SBI Bank to create ur new account please fill ur deatails");

        System.out.println("Enter your Name");
        String accountName=sc.next();

        System.out.println("Enter your Mobile no");

        Long Mobile=sc.nextLong();

        System.out.println("Aadhar card Number");
        int Aadhar=sc.nextInt();

        System.out.println("Enter your Pan numbar");
        String Pan=sc.next();

        System.out.println("Enter your pincode");
        int pincode=sc.nextInt();
    }
}
```

```
System.out.println("Please Enter ur Opening balance amount");
opening_Balance=sc.nextDouble();
total_balance=opening_Balance;
```

```
System.out.println("accountName :"+accountName);
System.out.println("Mobile :"+Mobile);
System.out.println("Aadhar :"+Aadhar);
System.out.println("pan :"+Pan);
System.out.println("pincode :"+pincode);
System.out.println("your opening_Balance is :"+opening_Balance);
System.out.println("=====");
```

```
System.out.println("Your Account create successfully");
```

```
}
```

```
public void withdraw() {
```

```
    System.out.println("Please enter Pin Number");
    int pinNumber=sc.nextInt();
    System.out.println("Please Enter Amount ");
    withdraw= sc.nextDouble();
```

```
        total_balance=total_balance - withdraw;
```

```
System.out.println("Your transaction successfully==" + withdraw);
```

```
System.out.println("your updated Balance is==" + total_balance);
```

```
}
```

```
public void deposit() {
```

```
    System.out.println("Please Enter Your Account number");
```

```
    int account=sc.nextInt();
```

```
    System.out.println("Plase enter amount u want to deposit");
```

```
    deposit=sc.nextDouble();
```

```
    total_balance=total_balance + deposit;
```

```
    System.out.println("=====");
```

```
    System.out.println("Your deposit money is succsefully created in ur  
account"+deposit);
```

```
    System.out.println("your updated balance is = + total_balance");
```

```

System.out.println("=====");

}

public void transfer() {
    System.out.println("=====");
    System.out.println("Enter name of Account holder u have transfer
money");
    String Account_holdername=sc.next();
    System.out.println("Enter Account number");
    int Account_number=sc.nextInt();
    System.out.println("Enetr the IFSC Code");
    String ifsc_code=sc.next();
    System.out.println("Enter amount u wish u transfer");
    transfer=sc.nextDouble();

    total_balance=total_balance - transfer;

    System.out.println("=====");
    System.out.println("your transfer "+transfer);
    System.out.println("Your upadted Balance is =="+total_balance);

    System.out.println("=====");
}

public void ministatement() {
    System.out.println("=====");
    System.out.println("Your mini statement");
    System.out.println("opening_balance :"+ opening_Balance);
    System.out.println("deposit :"+ deposit);
    System.out.println("withdraw :"+ withdraw);
    System.out.println("transfer :"+ transfer);
    System.out.println("total_balance :"+total_balance);

    System.out.println("=====");

}

}

```

```

package Bank_Project;

import java.util.Scanner;

public class BankTest {
    public static void main(String[] args) {

        System.out.println("main");

        BankOperation b=new BankOperation();

        Scanner sc=new Scanner(System.in);

        while(true)
        {

            System.out.println("Select Operation");
            System.out.println("1 :- Account Create");
            System.out.println("2 :- Withdraw");
            System.out.println("3 :- Deposit");
            System.out.println("4 :- Transfer");
            System.out.println("5 :- mini statement");

            int acco=sc.nextInt();
            int days=acco;
            switch(days)
            {
                case 1:
                    System.out.println("Account create");
                    b.CreateAccount();
                    break;

                case 2:
                    System.out.println("Withdraw");
                    b.withdraw();
                    break;

                case 3:
                    System.out.println("Deposit");
                    b.deposit();
                    break;

                case 4:
                    System.out.println("Transfer");
                    b.transfer();
                    break;

                case 5:
                    System.out.println("mini statement");
                    b.ministatement();
                    break;
                default:
                    System.out.println("Please Enter Valid Option");
                    break;
            }
        }
    }
}

```

```
}

System.out.println("Do u want to continue.Press Y or Y for continue");
String Y=sc.next();
if(Y.equalsIgnoreCase("Y")) {
    continue;
}
else {
    break;
}
}

}
```