Account.java

```
import java.util.scanner;
class acount
{
 private string name;
 private double account_no;
 private char account_type;
 private double balance;
 void getdata (char ch)
{
 Scanner xx = new Scanner(System.in);
 System.out.println("Enter the name of customer : ");
 name = xx.next();
 xx.nextLine();
 System.out.println("Enter the account number of customers :
 account_no - xx .next Double();
 System.out.print("Enter the balance of the customer: ");
 balance = xx.next Double();
 account type = ch;
}
 Void updatebalance (double n)
{
     balance = balance + n;
}
```

classmate

```
void updatebalance (double x)
{
  balance = balance - x;
}
  double getbalance ()
{
  return balance;
}
 void displaybalance ()
{
  System.out.println ("The balance is: " + balance );
}
}
class Saving_Account extends Accounts {
 private double interset_rate;
 Saving_Account()
{
 Scanner xx = new Scanner (System.in);
 get data ('s');
 System.out.println ("Enter the Intrest rate:");
 intrest_rate = xx.nextDouble();
}
 void get Deposit ()
{
 Scanner xx = new Scanner (system.in);
```

```
System.out.println("Enter amount to be deposited: ");
double x=xx.nextdouble();
updatebalance(x);
}
Void computeinterst();
{
double x=(getbalance()* intrestrate)/100;
updatebalance();
System.out.println("The computed intrest is :"+x);
displaybalance();
}
Void withdrawl()
{
System.out.println("Enter the ammount to be withdrawm:");
Scanner xx=new scanner(System.in);
double x=xx.nextDouble();
while(x>getbalance())
{
System.out.println("The amountwithdraw is more than the
                    balance enter again:");
}
updatebalance1(x);
displaybalance();
}
}
```

```
class Current_Account extends Account {
private double min_balance;
private int checq_book;
Current_account()
{
Scanner xx= new Scanner(System.in);
getdata('c');
System.out.println("Enter the minimum blance:");
min_balance = x.x nextdouble();
}
void get deposit()
{
Scanner xx = new Scanner (System.in);
System.out.println("Enter amount of the check :");
double x = xx.nextdouble();
if (x>(getbalance() min_balance))
{
System.out.println("You have issued a checqr of more than the
      minimum balance and you have been charged a
      penalyt:");
update balance(100);
}
else
{
 update balance (x);
}
```

```
displaybalance ();
}
Void withdrawl ()
{
System.out.println ("Enter the amount to be withdrawn : ");
Scanner xx = new Scanner (System.in);
double x = xx nextDouble ();
while (x > (getbalance () - min_balance))
{
System.out.println("The account withdrawn is morethan the
                    balance enter again : ");
x = xx next Double();
}
updatebalance (x);
displaybalance ();
}
}
class AccountMain {
public static Void main (string args [])
{
Scanner input = new Scanner (System.in);
char ch;
System.out.println ("Enter the type of account you want (C/S) :"
ch = input.next().charAt(0);
if (ch == 'S' || ch == 's')
{
```

```
Saving_Account S=new Saving_Account();
int x=1;
while(x!=0)
{
System.out.println("Enter 0 for exit:");
System.out.println("Enter 1 for deposit;");
System.out.println("Enter 2 for balance enquiry:");
System.out.println("Enter 3 for calculate intrest:");
System.out.println("Enter 4 for withdrawl:");
x=input.nextInt();
if(x==0)
break;
else if(x==1)
{
  S.getdeposit();
}
else if(x==2)
{
  S.displaybalance();
}
else if(x==2)
{
  S.displaybalance();
}
else if(x==3)
```

```
}
  s.computeintrest();
}
else if(x==4)
{
  s.withdral();
}
}
}
else
{
Current_Account s=new Current_Account();
int x=1;
while(x!=0)
{
System.out.println("Enter 0 for exit:");
System.out.println("Enter 1 for deposit:");
System.out.println("Enter 2 for balance enquiry:");
System.out.println("Enter 3 to apply for cheque:");
System.out.println("Enter 4 for withdrawl:");
x=input.nextInt();
if(x==0)
        break;
else if(x==1)
{
```

```
 S.getdeposit ();
}
else if (x==2)
{
  S.displaybalance ();
}
else if (x==3)
{
 S.issue check ();
}
 else if (x==4)
{
  S.withdrawl ();
}
}
}
}
}
```