Develop a Java program to create a class Bank that maintains two kinds of account for its customers, one called savings account and the other current account. The savings account provides compound interest and withdrawal facilities but no cheque book facility. The current account provides cheque book facility but no interest. Current account holders should also maintain a minimum balance and if the balance falls below this level, a service charge is imposed. Create a class Account that stores customer name, account number and type of account. From this derive the classes Cur-acct and Savacct to make them more specific to their requirements. Include the necessary methods in order to achieve the following tasks: a) Accept deposit from customer and update the balance. b) Display the balance. c) Compute and deposit interest d) Permit withdrawal and update the balance

Check for the minimum balance, impose penalty if necessary and update the balance.

```
account(String s,int ac){
void deposite(){
void balance() {
void withdraw() {
void deposite() {
```

```
void withdraw() {
    while (flag==1) {
```

Output

```
ENTER NAME AND ACCOUNT NUMBER
1.DEPOSIT AMOUNT
2.DISPLAY BALANCE
3.SHOW INTEREST
4.WITHDRAW
5.DETAILS
6.exit
1.DEPOSITE AMOUNT IN SAVING ACCOUNT 2.DEPOSITE AMOUNT IN CURRENT ACCOUNT
ENTER AMOUNT
1.DEPOSIT AMOUNT
2.DISPLAY BALANCE
3.SHOW INTEREST
4.WITHDRAW
5.DETAILS
6.exit
1.DEPOSITE AMOUNT IN SAVING ACCOUNT 2.DEPOSITE AMOUNT IN CURRENT ACCOUNT
ENTER AMOUNT
```

```
1.DEPOSIT AMOUNT
2.DISPLAY BALANCE
3.SHOW INTEREST
4.WITHDRAW
5.DETAILS
6.exit
1.BALANCE AMOUNT IN SAVING ACCOUNT 2.BALANCE AMOUNT IN CURRENT ACCOUNT
BALANCE AMOUNT IS 300.0
1.DEPOSIT AMOUNT
2.DISPLAY BALANCE
3.SHOW INTEREST
4.WITHDRAW
5.DETAILS
6.exit
1.BALANCE AMOUNT IN SAVING ACCOUNT 2.BALANCE AMOUNT IN CURRENT ACCOUNT
BALANCE AMOUNT IS 400.0
1.DEPOSIT AMOUNT
2.DISPLAY BALANCE
3.SHOW INTEREST
4.WITHDRAW
5.DETAILS
6.exit
```

```
ENTER NO OF YEAR
INTEREST AMOUNT IS 120.0
1.DEPOSIT AMOUNT
2.DISPLAY BALANCE
3.SHOW INTEREST
4.WITHDRAW
5.DETAILS
6.exit
1.WITHDRAW USING CASH 2.WITHDRAW USING CHEQUE
ENTER THE AMOUNT
1.DEPOSIT AMOUNT
2.DISPLAY BALANCE
3.SHOW INTEREST
4.WITHDRAW
5.DETAILS
6.exit
1.BALANCE AMOUNT IN SAVING ACCOUNT 2.BALANCE AMOUNT IN CURRENT ACCOUNT
BALANCE AMOUNT IS 100.0
```

```
1.DEPOSIT AMOUNT
2.DISPLAY BALANCE
3.SHOW INTEREST
4.WITHDRAW
5.DETAILS
6.exit
1.WITHDRAW USING CASH 2.WITHDRAW USING CHEQUE
ENTER THE AMOUNT
FINE AMOUNT DEDUCTED = 10/-
1.DEPOSIT AMOUNT
2.DISPLAY BALANCE
3.SHOW INTEREST
4.WITHDRAW
5.DETAILS
ACCOUNT DETAILS ARE Rahul and 20120281
1.DEPOSIT AMOUNT
2.DISPLAY BALANCE
3.SHOW INTEREST
4.WITHDRAW
5.DETAILS
```