```
class Account {
    protected String customerName;
    protected int accountNumber;
    protected double balance;

    public Account(String customerName, int accountNumber, double balance) {
        this.customerName = customerName;
        this.accountNumber = accountNumber;
        this.balance = balance;
    }

    public void deposit(double amount) {
        if (amount > 0) {
            balance += amount;
            System.out.println("Deposited amount: " + amount);
        } else {
            System.out.println("Invalid deposit amount");
        }
    }

    public void displayBalance() {
        System.out.println("Balance for account " + accountNumber + " : " + balance);
    }
}

class SavAcct extends Account {
    private double interestRate;

    public SavAcct(String customerName, int accountNumber, double balance, double
interestRate) {
        super(customerName, accountNumber, balance);
        this.interestRate = interestRate;
    }

    public void compute_Interest() {
        double interest = balance * interestRate / 100;
        balance += interest;
        System.out.println("Interest computed and added: " + interest);
    }
}

class CurAcct extends Account {
    private static final double minimum_balance = 1000;
```

```
    private static final double penalty = 50;

    public CurAcct(String customerName, int accountNumber, double balance) {
        super(customerName, accountNumber, balance);
    }

    public void withdraw(double amount) {
        if (amount > balance) {
            System.out.println("Insufficient balance for withdrawal.");
        } else {
            balance -= amount;
            if (balance < minimum_balance) {
                balance -= penalty;
                System.out.println("Penalty imposed. New balance after penalty: " + balance);
            }
            System.out.println("Withdrawn: " + amount);
        }
    }
}


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

        SavAcct savingsAccount = new SavAcct("Koushik", 101, 5000, 5.0);

        savingsAccount.deposit(1500);
        savingsAccount.displayBalance();

        savingsAccount.compute_Interest();
        savingsAccount.displayBalance();

        CurAcct currentAccount = new CurAcct("Koushik ", 102, 1500);

        currentAccount.deposit(1000);
        currentAccount.displayBalance();

        currentAccount.withdraw(2000);
        currentAccount.displayBalance();
    }
}
```

O/P:

```
Deposited amount: 1500.0
Balance for account 101 : 6500.0
Interest computed and added: 325.0
Balance for account 101 : 6825.0
Deposited amount: 1000.0
Balance for account 102 : 2500.0
Penalty imposed. New balance after penalty: 450.0
Withdrawn: 2000.0
Balance for account 102 : 450.0
```