// Base class: Account

class Account {

protected String accountNumber;

protected String accountHolderName;

protected double balance;

public Account(String accountNumber, String accountHolderName, double initialBalance) {

this.accountNumber = accountNumber;

this.accountHolderName = accountHolderName;

this.balance = initialBalance;

}

public void deposit(double amount) {

if (amount > 0) {

balance += amount;

System.out.println("Deposited: ₹" + amount);

} else {

System.out.println("Invalid deposit amount.");

}

}

public void withdraw(double amount) {

if (amount > 0 && amount <= balance) {

balance -= amount;

System.out.println("Withdrawn: ₹" + amount);

} else {

System.out.println("Insufficient balance or invalid amount.");

}

}

public void displayBalance() {

System.out.println("Account Balance: ₹" + balance);

}

public void displayAccountInfo() {

System.out.println("Account Number: " + accountNumber);

System.out.println("Account Holder: " + accountHolderName);

System.out.println("Balance: ₹" + balance);

}

}