Package customerms;

public class Account {

private String accountNumber;

private String accountHolderName;

private double balance;

// Constructor to initialize the account

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

this.accountNumber = accountNumber;

this.accountHolderName = accountHolderName;

this.balance = initialBalance;

}

// Method to deposit money into the account

public void deposit(double amount) {

if (amount > 0) {

balance += amount;

System.out.println("Successfully deposited " + amount);

} else {

System.out.println("Deposit amount must be positive");

}

}

// Method to withdraw money from the account

public void withdraw(double amount) {

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

balance -= amount;

System.out.println("Successfully withdrew " + amount);

} else if (amount > balance) {

System.out.println("Insufficient balance");

} else {

System.out.println("Withdrawal amount must be positive");

}

}

// Method to check the account balance

public double getBalance() {

return balance;

}

// Method to display account details

public void displayAccountDetails() {

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

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

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

}

public static void main(String[] args) {

// Create a new account

Account account = new Account("123456789", "John Doe", 1000.0);

// Display account details

account.displayAccountDetails();

// Deposit money into the account

account.deposit(500.0);

// Withdraw money from the account

account.withdraw(200.0);

// Check balance

System.out.println("Current Balance: " + account.getBalance());

// Display account details again to see updated balance

account.displayAccountDetails();

}

}