

```
public class BankAccount {

    private double balance;

    public BankAccount(double initialBalance) {
        this.balance = initialBalance;
    }

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

    protected void withdraw(double amount) {
        if (amount > 0 && amount <= balance) {
            balance -= amount;
            System.out.println("Withdrew: " + amount);
        } else {
            System.out.println("Invalid withdrawal amount.");
        }
    }

    void checkBalance() {
```

```
        System.out.println("Current Balance: " + balance);
    }

    public static void main(String[] args) {

        BankAccount account = new BankAccount(1000.0);

        account.deposit(500.0);
        account.checkBalance();
        account.withdraw(300.0);
        account.checkBalance();

        account.deposit(200.0);

        account.checkBalance();

    }
}
```