

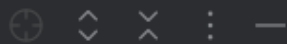
```

import java.util.*;
class BankAccount {
    private double balance;
    public BankAccount(double initialBalance) {
        if (initialBalance < 0)
            throw new IllegalArgumentException("Initial balance cannot be negative.");
        this.balance = initialBalance;
    }
    public void deposit(double amount) {
        if (amount <= 0)
            throw new IllegalArgumentException("Deposit amount must be positive.");
        balance += amount;
        System.out.println("Deposited: " + amount + " | New Balance: " + balance);
    }
    public void withdraw(double amount) {
        if (amount <= 0)
            throw new IllegalArgumentException("Withdrawal amount must be positive.");
        if (amount > balance)
            throw new RuntimeException("Insufficient funds.");
        balance -= amount;
        System.out.println("Withdrawn: " + amount + " | New Balance: " + balance);
    }
    public double getBalance() {
        return balance;
    }
}

public class BankingSystem {
    public static void main(String[] args) {
        try {
            BankAccount account = new BankAccount(500);
            account.deposit(200);
            account.withdraw(100);
            account.withdraw(700); // This should trigger an exception
        } catch (Exception e) {
            System.out.println("Exception: " + e.getMessage());
        }
    }
}

```

Project ▾



BankingSystem.java ×

Run

BankingSystem ×



```
C:\Users\admin\.jdk\openjdk-23.0.1\bin\java.exe "-javaagent:F:\IntelliJ IDEA Community Edition 2024.3.1.1\lib\ide
```

```
Deposited: 200.0 | New Balance: 700.0
```

```
Withdrawn: 100.0 | New Balance: 600.0
```

```
Exception: Insufficient funds.
```

```
Process finished with exit code 0
```