public class BankAccount

{

private decimal balance;

public BankAccount(decimal initialBalance)

{

if (initialBalance < 0)

{

throw new ArgumentException("Initial balance cannot be negative.");

}

balance = initialBalance;

}

public decimal Balance

{

get { return balance; }

}

public void Deposit(decimal amount)

{

if (amount < 0)

{

throw new ArgumentException("Deposit amount cannot be negative.");

}

balance += amount;

}

public void Withdraw(decimal amount)

{

if (amount < 0)

{

throw new ArgumentException("Withdrawal amount cannot be negative.");

}

if (amount > balance)

{

throw new InvalidOperationException("Insufficient funds.");

}

balance -= amount;

}

}