

Namespace Payment.Domain

Classes

[CashPaymentStrategy](#)

[CreditCardPaymentStrategy](#)

[DebitCardPaymentStrategy](#)

[PaymentContext](#)

[PaymentService](#)

Interfaces

[IPaymentStrategy](#)

Enums

[PaymentType](#)

Class CashPaymentStrategy

Namespace: [Payment.Domain](#)

Assembly: Payment.Domain.dll

```
public class CashPaymentStrategy : IPaymentStrategy
```

Inheritance

[object](#) ← CashPaymentStrategy

Implements

[IPaymentStrategy](#).

Inherited Members

[object.Equals\(object\)](#), [object.Equals\(object, object\)](#), [object.GetHashCode\(\)](#), [object.GetType\(\)](#), [object.MemberwiseClone\(\)](#), [object.ReferenceEquals\(object, object\)](#), [object.ToString\(\)](#)

Methods

Pay(double)

```
public bool Pay(double amount)
```

Parameters

amount [double](#)

Returns

[bool](#)

Class CreditCardPaymentStrategy

Namespace: [Payment.Domain](#)

Assembly: Payment.Domain.dll

```
public class CreditCardPaymentStrategy : IPaymentStrategy
```

Inheritance

[object](#) ← CreditCardPaymentStrategy

Implements

[IPaymentStrategy](#).

Inherited Members

[object.Equals\(object\)](#), [object.Equals\(object, object\)](#), [object.GetHashCode\(\)](#), [object.GetType\(\)](#), [object.MemberwiseClone\(\)](#), [object.ReferenceEquals\(object, object\)](#), [object.ToString\(\)](#)

Methods

Pay(double)

```
public bool Pay(double amount)
```

Parameters

amount [double](#)

Returns

[bool](#)

Class DebitCardPaymentStrategy

Namespace: [Payment.Domain](#)

Assembly: Payment.Domain.dll

```
public class DebitCardPaymentStrategy : IPaymentStrategy
```

Inheritance

[object](#) ← DebitCardPaymentStrategy

Implements

[IPaymentStrategy](#).

Inherited Members

[object.Equals\(object\)](#), [object.Equals\(object, object\)](#), [object.GetHashCode\(\)](#), [object.GetType\(\)](#), [object.MemberwiseClone\(\)](#), [object.ReferenceEquals\(object, object\)](#), [object.ToString\(\)](#)

Methods

Pay(double)

```
public bool Pay(double amount)
```

Parameters

amount [double](#)

Returns

[bool](#)

Interface IPaymentStrategy

Namespace: [Payment.Domain](#)

Assembly: Payment.Domain.dll

```
public interface IPaymentStrategy
```

Methods

Pay(double)

```
bool Pay(double amount)
```

Parameters

amount [double](#)

Returns

[bool](#)

Class PaymentContext

Namespace: [Payment.Domain](#)

Assembly: Payment.Domain.dll

```
public class PaymentContext
```

Inheritance

[object](#) ← PaymentContext

Inherited Members

[object.Equals\(object\)](#), [object.Equals\(object, object\)](#), [object.GetHashCode\(\)](#), [object.GetType\(\)](#), [object.MemberwiseClone\(\)](#), [object.ReferenceEquals\(object, object\)](#), [object.ToString\(\)](#)

Methods

Pay(double)

```
public bool Pay(double amount)
```

Parameters

amount [double](#)

Returns

[bool](#)

SetPaymentStrategy(IPaymentStrategy)

```
public void SetPaymentStrategy(IPaymentStrategy strategy)
```

Parameters

strategy [IPaymentStrategy](#)

Class PaymentService

Namespace: [Payment.Domain](#)

Assembly: Payment.Domain.dll

```
public class PaymentService
```

Inheritance

[object](#) ← PaymentService

Inherited Members

[object.Equals\(object\)](#) , [object.Equals\(object, object\)](#) , [object.GetHashCode\(\)](#) , [object.GetType\(\)](#) , [object.MemberwiseClone\(\)](#) , [object.ReferenceEquals\(object, object\)](#) , [object.ToString\(\)](#)

Methods

ProcessPayment(int, double)

```
public bool ProcessPayment(int SelectedPaymentType, double Amount)
```

Parameters

SelectedPaymentType [int](#)

Amount [double](#)

Returns

[bool](#)

Enum PaymentType

Namespace: [Payment.Domain](#)

Assembly: Payment.Domain.dll

```
public enum PaymentType
```

Fields

Cash = 3

CreditCard = 1

DebitCard = 2

Namespace Payment.Domain.Tests

Classes

[PaymentTests](#)

Class PaymentTests

Namespace: [Payment.Domain.Tests](#)








Assembly: Payment.Domain.Tests.dll

```
public class PaymentTests
```

Inheritance

[object](#)  ← PaymentTests

Inherited Members

[object.Equals\(object\)](#)  , [object.Equals\(object, object\)](#)  , [object.GetHashCode\(\)](#)  , [object.GetType\(\)](#)  , [object.MemberwiseClone\(\)](#)  , [object.ReferenceEquals\(object, object\)](#)  , [object.ToString\(\)](#) 

Methods

GivenAValidPaymentTypeAndAmount_WhenProcessPayment_ResultsSuccessful(int, double)

```
[TestCase(1, 1000)]  
[TestCase(2, 2000)]  
[TestCase(3, 3000)]  
public void GivenAValidPaymentTypeAndAmount_WhenProcessPayment_ResultsSuccessful(int  
paymentType, double amount)
```

Parameters

paymentType [int](#) 

amount [double](#) 

GivenAnUnknownPaymentTypeAndAmount_WhenProcessPayment_ResultsError(int, double)

```
[TestCase(4, 4000)]  
public void GivenAnUnknownPaymentTypeAndAmount_WhenProcessPayment_ResultsError(int
```

paymentType, [double](#) amount)

Parameters

paymentType [int](#)

amount [double](#)