

Namespace Bank.Domain

Classes

[BankAccount](#)


Class BankAccount

Namespace: [Bank.Domain](#)








Assembly: Bank.Domain.dll

```
public class BankAccount
```

Inheritance

[object](#)  ← BankAccount

Inherited Members

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

Constructors

BankAccount(string, double)

```
public BankAccount(string customerName, double balance)
```

Parameters

customerName [string](#) 

balance [double](#) 

Fields

CreditAmountLessThanZeroMessage

```
public const string CreditAmountLessThanZeroMessage = "Credit amount is less than zero"
```

Field Value

[string](#) 

DebitAmountExceedsBalanceMessage

```
public const string DebitAmountExceedsBalanceMessage = "Debit amount exceeds balance"
```

Field Value

[string](#)

DebitAmountLessThanZeroMessage

```
public const string DebitAmountLessThanZeroMessage = "Debit amount is less than zero"
```

Field Value

[string](#)

Properties

Balance

```
public double Balance { get; }
```

Property Value

[double](#)

CustomerName

```
public string CustomerName { get; }
```

Property Value

[string](#)

Methods

Credit(double)

```
public void Credit(double amount)
```

Parameters

amount [double](#)

Debit(double)

```
public void Debit(double amount)
```

Parameters

amount [double](#)

Namespace Bank.Domain.Tests

Classes

[BankAccountTests](#)


Class BankAccountTests

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








Assembly: Bank.Domain.Tests.dll

```
public class BankAccountTests
```

Inheritance

[object](#)  ← BankAccountTests

Inherited Members

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

Methods

Constructor_SetsCustomerNameAndBalanceCorrectly()

```
[Test]  
public void Constructor_SetsCustomerNameAndBalanceCorrectly()
```

Credit_WhenAmountIsLessThanZero_ShouldThrowArgumentOutOfRangeException()

```
[Test]  
public void Credit_WhenAmountIsLessThanZero_ShouldThrowArgumentOutOfRangeException()
```

Credit_WithValidAmount_UpdatesBalance()

```
[Test]  
public void Credit_WithValidAmount_UpdatesBalance()
```

Debit_WhenAmountIsLessThanZero_ShouldThrowArgumentOutOfRangeException()

[Test]

```
public void Debit_WhenAmountIsLessThanZero_ShouldThrowArgumentOutOfRangeException()
```

Debit_WhenAmountIsMoreThanBalance_ShouldThrowArgumentOutOfRangeException()

[Test]

```
public void Debit_WhenAmountIsMoreThanBalance_ShouldThrowArgumentOutOfRangeException()
```

Debit_WithValidAmount_UpdatesBalance()

[Test]

```
public void Debit_WithValidAmount_UpdatesBalance()
```