

# 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

### Balance\_ReturnsInitialBalance()

```
[Fact]  
public void Balance_ReturnsInitialBalance()
```

### Credit\_NegativeAmount\_ShouldThrowWithCorrectMessage()

```
[Fact]  
public void Credit_NegativeAmount_ShouldThrowWithCorrectMessage()
```

### Credit\_WithValidAmount\_UpdatesBalance()

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

## Credit\_ZeroAmount\_ShouldNotChangeBalance()

[Fact]

```
public void Credit_ZeroAmount_ShouldNotChangeBalance()
```

## CustomerName\_ReturnsCorrectName()

[Fact]

```
public void CustomerName_ReturnsCorrectName()
```

## Debit\_AmountEqualToBalance\_ShouldSucceed()

[Fact]

```
public void Debit_AmountEqualToBalance_ShouldSucceed()
```

## Debit\_WhenAmountIsLessThanZero\_ShouldThrowArgumentOutOfRangeException()

[Fact]

```
public void Debit_WhenAmountIsLessThanZero_ShouldThrowArgumentOutOfRangeException()
```

## Debit\_WhenAmountIsMoreThanBalance\_ShouldThrowArgumentOutOfRangeException()

[Fact]

```
public void Debit_WhenAmountIsMoreThanBalance_ShouldThrowArgumentOutOfRangeException()
```

## Debit\_WithZeroAmount\_ShouldNotThrow()

[Fact]

```
public void Debit_WithZeroAmount_ShouldNotThrow()
```

## MultiDebit\_WithValidAmount\_UpdatesBalance(double, double, double)

```
[Theory]
[InlineData(new object[] { 11.99, 4.55, 7.44 })]
[InlineData(new object[] { 12.3, 5.2, 7.1 })]
public void MultiDebit_WithValidAmount_UpdatesBalance(double beginningBalance,
double debitAmount, double expected)
```

### Parameters

beginningBalance [double](#)

debitAmount [double](#)

expected [double](#)