

Package org.bookstore.payment.service

## Class PaymentService

java.lang.Object  
org.bookstore.payment.service.PaymentService

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```
public class PaymentService  
extends Object
```

The class PaymentService defines a service to make payments for book orders.

### Constructor Summary

#### Constructors

Constructor	Description
<a href="#">PaymentService()</a>	

### Method Summary

[All Methods](#)    [Instance Methods](#)    [Concrete Methods](#)

Modifier and Type	Method	Description
Payment	<a href="#">makePayment(Customer customer, BigDecimal amount)</a>	Makes a credit card payment for a book order.

#### Methods inherited from class java.lang.Object

[clone](#) , [equals](#) , [finalize](#) , [getClass](#) , [hashCode](#) , [notify](#) , [notifyAll](#) , [toString](#) , [wait](#) , [wait](#) , [wait](#)

## **Constructor Details**

### **PaymentService**

```
public PaymentService()
```

## **Method Details**

### **makePayment**

```
public Payment makePayment(Customer customer,  
                           BigDecimal amount)  
    throws PaymentFailedException
```

Makes a credit card payment for a book order.

**Parameters:**

`customer` - the customer of the order

`amount` - the amount of the payment

**Returns:**

the data of the made payment

**Throws:**

`PaymentFailedException` - if the credit card is invalid or expired, or if the payment exceeds the limit