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## Class Coupon

java.lang.Object  
Coupon

```
public class Coupon
extends java.lang.Object
```

### Constructor Summary

#### Constructors

##### Constructor and Description

###### [Coupon\(\)](#)

Constructs an invalid coupon with no discount

###### [Coupon\(java.lang.String item, double discount\)](#)

creates a coupon with type of item it is applicable to, and a percent discount

### Method Summary

#### All Methods    Instance Methods    Concrete Methods

##### Modifier and Type

##### Method and Description

double

###### [getDiscount\(\)](#)

gets the discount of this coupon

java.lang.String

###### [getType\(\)](#)

java.lang.String

###### [toString\(\)](#)

returns a string representation of this coupon that reads "This coupon is valid for % off any time."

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

clone, equals, finalize, getClass, hashCode, notify, notifyAll, wait, wait, wait

### Constructor Detail

**Coupon**

```
public Coupon()
```

Constructs an invalid coupon with no discount

**Coupon**

```
public Coupon(java.lang.String item,  
              double discount)
```

creates a coupon with type of item it is applicable to, and a percent discount

**Parameters:**

item - - type of item

discount - - the discount as a decimal percent

***Method Detail*****getType**

```
public java.lang.String getType()
```

**getDiscount**

```
public double getDiscount()
```

gets the discount of this coupon

**Returns:**

the discount as a percent decimal

**toString**

```
public java.lang.String toString()
```

returns a string representation of this coupon that reads 'This coupon is valid for % off any time.'

**Overrides:**

toString in class java.lang.Object

**Returns:**

the Coupon object as a string

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