

# Class Item

java.lang.Object  
Item

class **Item**  
extends **Object**

## Field Summary

### Fields

Modifier and Type	Field	Description
private double	<b>bulkPrice</b>	
private int	<b>bulkQuantity</b>	
private <b>String</b>	<b>item</b>	
private double	<b>price</b>	

## Constructor Summary

### Constructors

Constructor	Description
<b>Item(String</b> item, double price)	Class constructor: There are two class constructors, one for standard items and one for items with bulk pricing.
<b>Item(String</b> item, double price, int bulkQuantity, double bulkPrice)	

## Method Summary

### All Methods      Instance Methods      Concrete Methods

Modifier and Type	Method	Description
<b>String</b>	<b>getName()</b>	
boolean	<b>isEmpty()</b>	
double	<b>priceFor</b> (int quantity)	
<b>String</b>	<b>toString()</b>	

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

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

### Field Details

#### item

```
private String item
```

#### price

```
private double price
```

#### bulkQuantity

```
private int bulkQuantity
```

#### bulkPrice

```
private double bulkPrice
```

### Constructor Details

#### Item

```
public Item(String item,  
            double price)
```

Class constructor: There are two class constructors, one for standard items and one for items with bulk pricing.

#### Item

```
public Item(String item,
            double price,
            int bulkQuantity,
            double bulkPrice)
```

## Method Details

### priceFor

```
public double priceFor(int quantity)
```

**Parameters:**

`quantity` -- quantity of item in question being returned

**Returns:**

item returns the item's name

**Throws:**

`IllegalArgumentException` - if user input is a negative quantity,

### toString

```
public String toString()
```

**Overrides:**

`toString` in class `Object`

### getName

```
public String getName()
```

### isEmpty

```
public boolean isEmpty()
```