Products

Class Item

java.lang.Object
        Products.Item

Direct Known Subclasses:

DrinkItem, PastryItem

```
public abstract class Item
extends java.lang.Object
```

The abstract Item class is the main superclass in this program's inheritance hierarchy. It contains methods that are shared and may be overridden in the CoffeeItem and TeaItem classes, which are Item's two subclasses. Contains constructor, overloaded constructor, setters/getters, and abstract method, calculateCost, used to find cost of an order.

Since:

- 2019-03-17

Field Summary

Fields

Modifier and Type	Field and Description
protected double	cost
protected java.lang.String	name

Constructor Summary

Constructors

Constructor and Description
Item()
Item(java.lang.String itemName, double itemCost)

Method Summary

All Methods   Instance Methods   Abstract Methods   Concrete Methods

Modifier and Type	Method and Description
abstract void	**calculateCost**()
double	**getCost**()
java.lang.String	**getName**()
void	**setCost**(double itemCost)
void	**setName**(java.lang.String itemName)

Methods inherited from class java.lang.Object

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

Field Detail

name

protected java.lang.String name

cost

protected double cost

Constructor Detail

Item

public Item()

Item

public Item(java.lang.String itemName,
            double itemCost)

Method Detail

setName

```
public void setName(java.lang.String itemName)
```

getName

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

setCost

```
public void setCost(double itemCost)
```

getCost

```
public double getCost()
```

calculateCost

```
public abstract void calculateCost()
```

OVERVIEW   PACKAGE   CLASS   TREE   DEPRECATED   INDEX   HELP

PREV CLASS   **NEXT CLASS**   FRAMES   NO FRAMES   ALL CLASSES

SUMMARY: NESTED | FIELD | CONSTR | METHOD   DETAIL: FIELD | CONSTR | METHOD