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

Products

Class CoffeeItem

java.lang.Object
    Products.Item
        Products.DrinkItem
            Products.CoffeeItem

```
public class CoffeeItem
extends DrinkItem
```

The CoffeeItem class defines the characteristics of any coffee item that can be purchased using this software. Calculates the cost based on the drink's size, temperature, and if they add milk. Contains a toString that formats the string nicely in a modern receipt format.

Since:

- 2019-03-17

Field Summary

Fields

Modifier and Type	Field and Description
protected java.lang.String	**specialInstructions**
protected java.lang.String	**temperature**

Fields inherited from class Products.DrinkItem

flavor, milk, size, sweetness

Fields inherited from class Products.Item

cost, name

Constructor Summary

Constructors

Constructor and Description

CoffeeItem()

```
CoffeeItem(java.lang.String drinkName, java.lang.String drinkSize,
java.lang.String drinkFlavor, java.lang.String drinkSweetness,
java.lang.String drinkMilk, java.lang.String coffeeTemperature,
java.lang.String coffeeSpecialInstructions)
```

Method Summary

All Methods   Instance Methods   Concrete Methods

Modifier and Type	Method and Description
void	**calculateCost**()
java.lang.String	**toString**()

Methods inherited from class Products.DrinkItem

getCost, getFlavor, getMilk, getSize, getSweetness, setFlavor, setMilk, setSize, setSweetness

Methods inherited from class Products.Item

getName, setCost, setName

Methods inherited from class java.lang.Object

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

Field Detail

temperature

protected java.lang.String temperature

specialInstructions

protected java.lang.String specialInstructions

Constructor Detail

CoffeeItem

```
public CoffeeItem()
```

CoffeeItem

```
public CoffeeItem(java.lang.String drinkName,
                  java.lang.String drinkSize,
                  java.lang.String drinkFlavor,
                  java.lang.String drinkSweetness,
                  java.lang.String drinkMilk,
                  java.lang.String coffeeTemperature,
                  java.lang.String coffeeSpecialInstructions)
```

Method Detail

calculateCost

```
public void calculateCost()
```

Overrides:

calculateCost in class DrinkItem

toString

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

Overrides:

toString in class DrinkItem