

[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 TeaItem

```
java.lang.Object
  Products.Item
    Products.DrinkItem
      Products.TeaItem
```

```
public class TeaItem
extends DrinkItem
```

The TeaItem class defines the characteristics of any tea item that can be purchased using this software. Calculates the cost based on the drink's size, number of toppings, 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 inherited from class Products.DrinkItem

`flavor, milk, size, sweetness`

Fields inherited from class Products.Item

`cost, name`

Constructor Summary

Constructors

Constructor and Description

`TeaItem()``TeaItem(java.lang.String drinkSize, java.lang.String drinkFlavor,
java.lang.String drinkSweetness, java.lang.String drinkMilk)`

Method Summary

All Methods **Instance Methods** **Concrete Methods**

Modifier and Type	Method and Description
void	addTopping (java.lang.String teaTopping)
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](#)

Constructor Detail**Tealtem**

```
public TeaItem()
```

Tealtem

```
public TeaItem(java.lang.String drinkSize,  
               java.lang.String drinkFlavor,  
               java.lang.String drinkSweetness,  
               java.lang.String drinkMilk)
```

Method Detail**addTopping**

```
public void addTopping(java.lang.String teaTopping)
```

calculateCost

```
public void calculateCost()
```

Overrides:

```
calculateCost in class DrinkItem
```

toString

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

Overrides:

```
toString in class DrinkItem
```

[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](#)