

Class Checkout

java.lang.Object
|
+--Checkout

```
public class Checkout
extends java.lang.Object
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Maintains a list of DessertItem references There is no limit to the number of DessertItem's in the list

Constructor Summary

Checkout() Creates a Checkout instance with an empty list of DessertItem's

Method Summary

void	clear() Clears the Checkout to begin checking out a new set of items
void	enterItem() (DessertItem item) A DessertItem is added to the end of the list of items
int	numberOfItems() Returns the number of DessertItem's in the list
java.lang.String	toString() Returns a String representing a receipt for the current list of items
int	totalCost() Returns total cost of items in cents (without tax)
int	totalTax() Returns total tax on items in cents

Methods inherited from class java.lang.Object

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

Constructor Detail

Checkout

public **Checkout**()

Creates a Checkout instance with an empty list of DessertItem's

Method Detail

numberOfItems

public int **numberOfItems**()

Returns the number of DessertItem's in the list

Returns:

number of DessertItem's in the list

enterItem

public void **enterItem**(DessertItem item)

A DessertItem is added to the end of the list of items

Parameters:

item - DessertItem to add to list of items

clear

public void **clear**()

Clears the Checkout to begin checking out a new set of items

totalCost

public int **totalCost**()

Returns total cost of items in cents (without tax)

Returns:

total cost of items in cents (without tax)

totalTax

public int **totalTax**()

Returns total tax on items in cents

Returns:

total tax on items in cents

toString

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

Returns a String representing a receipt for the current list of items

Overrides:

toString in class java.lang.Object

Returns:

a String representing a receipt for the current list of DessertItem's with the name of the Dessert store, the items purchased, the tax, and the total cost, for example,

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M & M Dessert Shoppe
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Strawberry Ice Cream    1.45
Caramel Sundae with
Vanilla Ice Cream      1.55
1.33 lbs. @ .89 /lb.
Gummy Worms           1.18
4 @ 3.99 /dz.
Chocolate Chip Cookies  1.33
1.50 lbs. @ 2.09 /lb.
Salt Water Taffy       3.14
3.00 lbs. @ 1.09 /lb.
Candy Corn            3.27

Tax                    .77
Total Cost            12.69
```