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## Class Checkout

```
java.lang.Object
|
+--Checkout
```

```
public class Checkout
extends java.lang.Object
```

Maintains a array of DessertItem references.

### Constructor Summary

[Checkout](#)( )

Creates a Checkout instance with an empty array of DessertItem's with a size of 100

### Method Summary

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

```

M & M Dessert Shoppe
-----
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
```

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