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Class Cookie

java.lang.Object
 DessertItem
 Cookie

All Implemented Interfaces:

java.lang.Comparable

Direct Known Subclasses:

Macaroon

```
public class Cookie
extends DessertItem
```

The Cookie class is a subclass of the DessertItem superclass that contains method overrides and has specific implementation for a cookie item.

Since:

2019-02-20

Constructor Summary

Constructors

Constructor and Description

Cookie()

Default constructor initializes instance variables

Method Summary

All Methods Instance Methods Concrete Methods

Modifier and Type

Method and Description

double

getCost()

Calculates the cost of cookies based on the quantity and if they qualify for dozen pricing or not

java.lang.String

toString()

Formats the description of a cookie item purchased in receipt format that lists cookie items sold and its details

Methods inherited from class `DessertItem`

`compareTo`, `getCouponApplied`, `getCouponDiscount`, `getDessertName`, `getPrice`, `getQuantity`, `max`, `setCouponApplied`, `setCouponDiscount`, `setDessertName`, `setPrice`, `setQuantity`

Methods inherited from class `java.lang.Object`

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

Constructor Detail

Cookie

```
public Cookie()
```

Default constructor initializes instance variables

Method Detail

getCost

```
public double getCost()
```

Calculates the cost of cookies based on the quantity and if they qualify for dozen pricing or not

Specified by:

`getCost` in class `DessertItem`

Returns:

- the final cost of a cookie item

toString

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

Formats the description of a cookie item purchased in receipt format that lists cookie items sold and its details

Overrides:

`toString` in class `DessertItem`

Returns:

- a nicely formatted string in receipt format

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