

[PACKAGE](#) [CLASS](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)[SUMMARY: NESTED](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#) [DETAIL: FIELD](#) | [CONSTR](#) | [METHOD](#)

Class Pastry

```
java.lang.Object
  DessertItem
    Pastry
```

All Implemented Interfaces:

```
java.lang.Comparable
```

```
public class Pastry
  extends DessertItem
```

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

Since:

2019-02-20

Constructor Summary

Constructors

Constructor and Description

[Pastry\(\)](#)

Default constructor initializes instance variables

Method Summary

All Methods Instance Methods Concrete Methods

Modifier and Type

Method and Description

double

[getCost\(\)](#)

Calculates the price of a pastry based on the quantity and heating option.

java.lang.String

[getHeating\(\)](#)

Gets the heating option of a pastry

void

[setHeating\(int heatChoice\)](#)

Sets the heating option for a pastry

java.lang.String

[toString\(\)](#)

Formats the description of a pastry item purchased in receipt format that lists pastry 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

Pastry

```
public Pastry()
```

Default constructor initializes instance variables

Method Detail

setHeating

```
public void setHeating(int heatChoice)
```

Sets the heating option for a pastry

Parameters:

`heatChoice` - the user's choice to heat or not

getHeating

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

Gets the heating option of a pastry

Returns:

- a string representing the heating option

getCost

```
public double getCost()
```

Calculates the price of a pastry based on the quantity and heating option.

Specified by:

`getCost` in class `DessertItem`

Returns:

- the total price of a pastry item

toString

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

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

Overrides:

`toString` in class `DessertItem`

Returns:

- a nicely formatted string in receipt format

[PACKAGE](#) [CLASS](#) [TREE](#) [DEPRECATED](#) [INDEX](#) [HELP](#)

[PREV CLASS](#) [NEXT CLASS](#) [FRAMES](#) [NO FRAMES](#) [ALL CLASSES](#)

SUMMARY: [NESTED](#) | [FIELD](#) | [CONSTR](#) | [METHOD](#) [DETAIL: FIELD](#) | [CONSTR](#) | [METHOD](#)