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Class Macaroon

```
java.lang.Object
  DessertItem
    Cookie
      Macaroon
```

All Implemented Interfaces:

```
java.lang.Comparable
```

```
public class Macaroon
extends Cookie
```

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

Since:

2019-02-20

Constructor Summary

Constructors

Constructor and Description

[Macaroon\(\)](#)

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 a macaroon item based off the quantity and if they qualify for trio pricing or not

java.lang.String

[toString\(\)](#)

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

Macaroon

```
public Macaroon()
```

Default constructor initializes instance variables

Method Detail

getCost

```
public double getCost()
```

Calculates the cost of a macaroon item based off the quantity and if they qualify for trio pricing or not

Overrides:

`getCost` in class `Cookie`

Returns:

- the final cost of a macaroon item

toString

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

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

Overrides:

`toString` in class `Cookie`

Returns:

- a nicely formatted string in receipt format

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