

[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 BobaDrink

java.lang.Object
 DrinkItem
 BobaDrink

All Implemented Interfaces:

java.lang.Comparable

```
public class BobaDrink
extends DrinkItem
```

The BobaDrink class is a subclass of the DrinkItem superclass that contains method overrides and has specific implementation for a boba drink.

Since:

2019-02-20

Constructor Summary

Constructors

Constructor and Description

[BobaDrink\(\)](#)

Default constructor initializes instance variables

Method Summary

All Methods Instance Methods Concrete Methods

Modifier and Type

Method and Description

void

[addToppings](#)(int toppingChoice)

Adds toppings of a boba drink into an ArrayList of string toppings chosen from toppings array

double

[getCost](#)()

Calculates the cost of a boba drink based on size and number of toppings

java.lang.String

[getMilk](#)()

Gets the milk of a boba drink

java.lang.String

[getToppings](#)()

	Gets the toppings that the user selected
void	setBases (java.lang.String baseChoice) Sets the base of a boba drink
void	setMilk (int milkChoice) Sets the milk of a boba drink, chooses from milk array
void	setSweetness (java.lang.String sweetnessChoice) Sets the sweetness of a boba drink, chooses from array of sweetness options
java.lang.String	toString () Formats the description of a boba drink purchased in receipt format that lists boba drinks sold and its details

Methods inherited from class **DrinkItem**

`compareTo`, `getBase`, `getCouponApplied`, `getCouponDiscount`, `getDrinkName`, `getSize`, `getSweetness`, `max`, `setBase`, `setCouponApplied`, `setCouponDiscount`, `setDrinkName`, `setSize`, `validateOption`

Methods inherited from class **java.lang.Object**

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

Constructor Detail

BobaDrink

```
public BobaDrink()
```

Default constructor initializes instance variables

Method Detail

setSweetness

```
public void setSweetness(java.lang.String sweetnessChoice)
```

Sets the sweetness of a boba drink, chooses from array of sweetness options

Overrides:

`setSweetness` in class `DrinkItem`

Parameters:

`sweetnessChoice` - - the user's choice of sweetness

addToppings

```
public void addToppings(int toppingChoice)
```

Adds toppings of a boba drink into an ArrayList of string toppings chosen from toppings array

Parameters:

toppingChoice - - the user's topping of choice

getToppings

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

Gets the toppings that the user selected

Returns:

- a string detailing the toppings that the user selected

setMilk

```
public void setMilk(int milkChoice)
```

Sets the milk of a boba drink, chooses from milk array

Parameters:

milkChoice - - the user's choice of milk

getMilk

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

Gets the milk of a boba drink

Returns:

- the boba drink's milk base

setBases

```
public void setBases(java.lang.String baseChoice)
```

Sets the base of a boba drink

Parameters:

baseChoice - - the user's base of choice

getCost

```
public double getCost()
```

Calculates the cost of a boba drink based on size and number of toppings

Specified by:

`getCost` in class `DrinkItem`

Returns:

- the final cost of that boba drink

toString

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

Formats the description of a boba drink purchased in receipt format that lists boba drinks sold and its details

Overrides:

`toString` in class `DrinkItem`

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](#)