Class TwoDayPackage

java.lang.Object
    Package
        TwoDayPackage

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public class **TwoDayPackage**
extends Package

Two-day package which extends the Package class. It calculates the cost of shipping including an additional flat fee for two-day shipping.

Field Summary

Fields

Modifier and Type	Field	Description
private double	**flatFee**	The additional flat fee for two-day shipping.

Constructor Summary

Constructors

Constructor	Description
TwoDayPackage(**String** name, **String** address, **String** city, **String** state, **String** ZIP, double weight_in_ounces, double cost_per_ounce, double flatFee)	Constructs a TwoDayPackage object with specified attributes while using attributes from Package super class.

Method Summary

All Methods   Instance Methods   Concrete Methods

Modifier and Type	Method	Description
double	**calculateCost**()	Calculates the total cost of shipping including the flat fee for two-day shipping.
double	**getFlatFee**()	Gets the flat fee for two-day shipping.
void	**setFlatFee**(double flatFee)	Sets the flat fee for two-day shipping.

String	**toString**()	Generates a string representation of the TwoDayPackage object.

Methods inherited from class Package

getAddress, getCity, getCost_per_ounce, getName, getState, getWeight_in_ounces, getZIP, setAddress, setCity, setCost_per_ounce, setName, setState, setWeight_in_ounces, setZIP

Methods inherited from class java.lang.Object

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

Field Details

flatFee

private double flatFee

The additional flat fee for two-day shipping.

Constructor Details

TwoDayPackage

```
TwoDayPackage(String  name,
              String  address,
              String  city,
              String  state,
              String  ZIP,
              double weight_in_ounces,
              double cost_per_ounce,
              double flatFee)
```

Constructs a TwoDayPackage object with specified attributes while using attributes from Package super class.

Parameters:

flatFee - the flat fee for two-day shipping

Method Details

calculateCost

`public double calculateCost()`

Calculates the total cost of shipping including the flat fee for two-day shipping.

Overrides:

`calculateCost` in class `Package`

Returns:

the total cost of shipping

getFlatFee

`public double getFlatFee()`

Gets the flat fee for two-day shipping.

Returns:

the flat fee for two-day shipping

setFlatFee

`public void setFlatFee(double flatFee)`

Sets the flat fee for two-day shipping.

Parameters:

`flatFee` - the new flat fee for two-day shipping

toString

`public String  toString()`

Generates a string representation of the TwoDayPackage object.

Overrides:

`toString` in class `Package`

Returns:

a string representation of the object