Class Package

java.lang.Object
    Package

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public class **Package**
extends Object

Regular package

Field Summary

Fields

Modifier and Type	Field	Description
private String	address	
private String	city	
private double	cost_per_ounce	
private String	name	
private String	state	
private double	weight_in_ounces	
private String	ZIP	

Constructor Summary

Constructors

Constructor	Description
Package(String name, String address, String city, String state, String ZIP, double weight_in_ounces, double cost_per_ounce)	Constructs a new Package object with the specified information

Method Summary

All Methods	Instance Methods	Concrete Methods

Modifier and Type	Method	Description

double	**calculateCost**()	Multiplies the weight times the cost per ounce
String	**getAddress**()	Retrieves the recipient's address.
String	**getCity**()	Retrieves the recipient's city.
double	**getCost_per_ounce**()	Retrieves the cost of shipping per ounce.
String	**getName**()	Retrieves the recipient's name.
String	**getState**()	Retrieves the recipient's state.
double	**getWeight_in_ounces**()	Retrieves the weight of the package in ounces.
String	**getZIP**()	Retrieves the recipient's ZIP code.
void	**setAddress**(**String** address)	Sets the recipient's address.
void	**setCity**(**String** city)	Sets the recipient's city.
void	**setCost_per_ounce** (double cost_per_ounce)	Sets the cost of shipping per ounce.
void	**setName**(**String** name)	Sets the recipient's name.
void	**setState**(**String** state)	Sets the recipient's state.
void	**setWeight_in_ounces** (double weight_in_ounces)	Sets the weight of the package in ounces.
void	**setZIP**(**String** ZIP)	Sets the recipient's ZIP code.
String	**toString**()	Generates a string representation of the Package object.

Methods inherited from class java.lang.Object

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

Field Details

name

```
private String  name
```

address

```
private String  address
```

city

```
private String  city
```

state

```
private String  state
```

ZIP

```
private String  ZIP
```

weight_in_ounces

```
private double weight_in_ounces
```

cost_per_ounce

```
private double cost_per_ounce
```

Constructor Details

Package

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

Constructs a new Package object with the specified information

Parameters:

`name` - the recipient's name

`address` - the recipient's address

`city` - the recipient's city

`state` - the recipient's state

`ZIP` - the recipient's ZIP code

`weight_in_ounces` - the weight of the package in ounces

`cost_per_ounce` - the cost of shipping per ounce

Method Details

calculateCost

`public double calculateCost()`

Multiplies the weight times the cost per ounce

Returns:
a double, which is the total cost of the item

toString

`public String  toString()`

Generates a string representation of the Package object.

Overrides:
`toString` in class `Object`

Returns:
a string representation of the object

getName

`public String  getName()`

Retrieves the recipient's name.

Returns:
the recipient's name

getAddress

```
public String  getAddress()
```

Retrieves the recipient's address.

Returns:

the recipient's address

getCity

```
public String  getCity()
```

Retrieves the recipient's city.

Returns:

the recipient's city

getState

```
public String  getState()
```

Retrieves the recipient's state.

Returns:

the recipient's state

getZIP

```
public String  getZIP()
```

Retrieves the recipient's ZIP code.

Returns:

the recipient's ZIP code

getWeight_in_ounces

```
public double getWeight_in_ounces()
```

Retrieves the weight of the package in ounces.

Returns:

the weight of the package in ounces

getCost_per_ounce

```
public double getCost_per_ounce()
```

Retrieves the cost of shipping per ounce.

Returns:

the cost of shipping per ounce

setName

```
public void setName(String  name)
```

Sets the recipient's name.

Parameters:

`name` - the recipient's name

setAddress

```
public void setAddress(String  address)
```

Sets the recipient's address.

Parameters:

`address` - the recipient's address

setCity

```
public void setCity(String  city)
```

Sets the recipient's city.

Parameters:

`city` - the recipient's city

setState

```
public void setState(String  state)
```

Sets the recipient's state.

Parameters:

`state` - the recipient's state

setZIP

```
public void setZIP(String  ZIP)
```

Sets the recipient's ZIP code.

Parameters:

ZIP - the recipient's ZIP code

setWeight_in_ounces

```
public void setWeight_in_ounces(double weight_in_ounces)
```

Sets the weight of the package in ounces.

Parameters:

weight_in_ounces - the weight of the package in ounces

setCost_per_ounce

```
public void setCost_per_ounce(double cost_per_ounce)
```

Sets the cost of shipping per ounce.

Parameters:

cost_per_ounce - the cost of shipping per ounce