

Class Pizza

java.lang.Object
Pizza

```
public class Pizza
extends java.lang.Object
```

Constructor Summary

Constructors

Constructor and Description
Pizza() Do whatever you want as long as it is valid
Pizza(int size, java.lang.String toppings, int numToppings, boolean sauce, boolean cheese) Constructs a Pizza with the given parameters, crust has the value "thin"

Method Summary

Methods

Modifier and Type	Method and Description
void	addTopping (java.lang.String newTopping) adds newTopping to toppings
void	changeCheese () changes the value of cheese
void	changeSauce () changes the value of sauce
void	changeToppings (java.lang.String newToppings, int num) changes toppings to newToppings, and numToppings to num
java.lang.String	getCrustType () Returns the type of crust the Pizza has
int	getNumToppings () Returns the number of toppings the Pizza has
int	getSize () Returns the size of the Pizza
java.lang.String	getToppings () Returns a list of toppings the Pizza has
boolean	hasCheese () Returns true if the Pizza has cheese
boolean	hasSauce () Returns the value of sauce
boolean	hasToppings () True if the Pizza has toppings
void	setCrust (java.lang.String newCrust) Changes the value of crust newCrust should have the value "stuffed", "thin" or "thick" crust should be unchanged if newCrust is not one of these values

Methods inherited from class java.lang.Object

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Constructor Detail

Pizza

```
public Pizza()
```

Do whatever you want as long as it is valid

Pizza

```
public Pizza(int size,
             java.lang.String toppings,
             int numToppings,
             boolean sauce,
             boolean cheese)
```

Constructs a Pizza with the given parameters, crust has the value "thin"

Parameters:

- `size` - is the size of the pizza
- `toppings` - a String with the toppings listed
- `numToppings` - the number of toppings the Pizza has
- `sauce` - true if the pizza has sauce
- `cheese` - true if the pizza has cheese

Method Detail

getSize

```
public int getSize()
```

Returns the size of the Pizza

Returns:

- the size of the Pizza

getNumToppings

```
public int getNumToppings()
```

Returns the number of toppings the Pizza has

Returns:

- the number of toppings the Pizza has

hasSauce

```
public boolean hasSauce()
```

Returns the value of sauce

Returns:

true if the Pizza has sauce, false otherwise

getToppings

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

Returns a list of toppings the Pizza has

Returns:

a String containing the list of toppings

hasToppings

```
public boolean hasToppings()
```

True if the Pizza has toppings

Returns:

true if the list of toppings is not empty

hasCheese

```
public boolean hasCheese()
```

Returns true if the Pizza has cheese

Returns:

true if the Pizza has cheese, false otherwise

getCrustType

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

Returns the type of crust the Pizza has

Returns:

the type of crust: "stuffed", "thin" or "thick"

addTopping

```
public void addTopping(java.lang.String newTopping)
```

adds newTopping to toppings

Parameters:

newTopping -

changeToppings

```
public void changeToppings(java.lang.String newToppings,
```

```
int num)
```

changes toppings to newToppings, and numToppings to num

Parameters:

newToppings - the new list of toppings

num - the number of toppings in the list

changeSauce

```
public void changeSauce()
```

changes the value of sauce

changeCheese

```
public void changeCheese()
```

changes the value of cheese

setCrust

```
public void setCrust(java.lang.String newCrust)
```

Changes the value of crust newCrust should have the value "stuffed", "thin" or "thick" crust should be unchanged if newCrust is not one of these values

Parameters:

newCrust - the new value of crust, either "stuffed", "thin" or "thick"

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