

[Skip navigation links](#)

- [Package](#)
- [Class](#)
- [Tree](#)
- [Index](#)
- [Help](#)
- Summary:
- Nested |
- [Field](#) |
- [Constr](#) |
- [Method](#)
- Detail:
- [Field](#) |
- [Constr](#) |
- [Method](#)

SEARCH:

Class Produce

[java.lang.Object](#)

Produce

public class Produce extends [Object](#)

• Field Summary

Fields
Modifier and Type
Field
Description
final double
[TAX_RATE](#)

• Constructor Summary

Constructors
Constructor
Description
[Produce\(\)](#)
Default Constructor
[Produce](#)([String](#) name, [String](#) productType)
Overloaded constructor
[Produce](#)([String](#) name, [String](#) productType, int initialAmount)
Overloaded constructor

• Method Summary

| All Methods | Static Methods | Instance Methods | Concrete Methods |
|-------------|----------------|------------------|------------------|
|-------------|----------------|------------------|------------------|

Modifier and Type

Method

Description

int

[getAmount\(\)](#)

getAmount() returns amount in object as integer

void

[setAmount](#)(int initialAmount)

setAmount(int) sets object amount to passed in integer

[String](#)

[toString\(\)](#)

Overloaded toString() method

static boolean

[validateType](#)([String](#) productType)

validateType(String) checks passed String.

Methods inherited from class [java.lang.Object](#)

[clone](#), [equals](#), [finalize](#), [getClass](#), [hashCode](#), [notify](#), [notifyAll](#), [wait](#), [wait](#), [wait](#)

• Field Details

◦ TAX_RATE

public final double TAX_RATE

See Also:

- [Constant Field Values](#)

• Constructor Details

◦ Produce

public Produce()

Default Constructor

◦ Produce

public Produce([String](#) name, [String](#) productType)

Overloaded constructor

Parameters:

name - Farm name input by user

productType - Type of product indicated by user

◦ Produce

public Produce([String](#) name, [String](#) productType, int initialAmount)

Overloaded constructor

Parameters:

name - Farm name input by user

productType - Type of product indicated by user

initialAmount - Initial amount of product indicated by user

• Method Details

◦ **setAmount**

public void setAmount(int initialAmount)

setAmount(int) sets object amount to passed in integer

Parameters:

initialAmount - initializes object's amount to user specified value

◦ **getAmount**

public int getAmount()

getAmount() returns amount in object as integer

Returns:

object's amount

◦ **validateType**

public static boolean validateType([String](#) productType)

validateType(String) checks passed String. If it matches, return true, else, return false

Parameters:

productType - user input String to validate

Returns:

boolean value indicating valid input or not

◦ **toString**

public [String](#) toString()

Overloaded toString() method

Overrides:

[toString](#) in class [Object](#)

Returns:

formatted string