Class PizzaSalesBQ

java.lang.Object
    PizzaSalesBQ

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

Assignment: PizzaSalesBQ Abstract: This program tests on arrays and the creation of Javadoc comments. It allows the user to input the number of pizza sales in a day, then the dollar amount for each sale. The program also allows the user to input the number of employees working at the pizza shop in a day. The program outputs the total sales for the day, the higest sale, the lowest sale, the average sales amount, the total employee commission, and the commission per employee. Course Info: IT 161 - 001, Java 1, Spring 2021, March 19, 2021

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1.0

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Constructor Summary

Constructors

Constructor	Description
`PizzaSalesBQ()`	

Method Summary

All Methods Static Methods Concrete Methods

Modifier and Type	Method	Description
static double	`AverageSales(double[] adblSales, double dblTotal)`	Method AverageSales Abstract: This finds the average sales for the day.
static double	`CalculateCommission (double dblTotal)`	Method CalculateCommission Abstract: This calculates the total employee commission.
static double	`CalculatePerEmployeeCommission (double[] adblEmployees, double dblTotalCommission)`	Method CalculatePerEmployeeCommission Abstract: This calculates the commission per employee.
static double[]	`EmployeeArray()`	Method EmployeeArray Abstract: This creates the employee array, which will store the number of employees.

Modifier and Type	Method	Description
static void	main(java.lang.String[] args)	Method main
static double	MaximumSale(double[] adblSales)	Method MaximumSale Abstract: This finds the maximum value in the sale array.
static double	MinimumSale(double[] adblSales)	Method MinimumSale Abstract: This finds the minimum value in the sale array.
static double[]	PopulateSaleArray (double[] adblSales)	Method PopulateSaleArray Abstract: This populates the sale array with each user-inputted sale amount.
static void	PrintAverageOfArray (double[] adblSales, double dblTotal)	Method PrintTotalSales Abstract: This prints the total sales amount for the day.
static void	PrintAverageSales (double[] adblSales, double dblAverage)	Method PrintAverageSales Abstract: This prints the average sales for the day.
static void	PrintMaximumSale (double[] adblSales, double dblMaximum)	Method PrintMaximumSale Abstract: This prints the maximum sale for the day.
static void	PrintMinimumSale (double[] adblSales, double dblMinimum)	Method PrintMinimumSale Abstract: This prints the minimum sale for the day.
static void	PrintPerEmployeeCommission (double dblPerEmployeeCommission)	Method PrintPerEmployeeCommission Abstract: This prints the per employee commission.
static void	PrintTotalCommission (double dblTotalCommission)	Method PrintTotalCommission Abstract: This prints the total employee commission for the day.
static float	ReadFloatFromUser()	Method ReadFloatFromUser Abstract: Read a float from the user.
static int	ReadIntegerFromUser()	Method ReadIntegerFromUser Abstract: Read an integer from the user.
static double[]	SaleArray()	Method SaleArray Abstract: This creates the sale array, which will store each sale amount.
static double	TotalSales(double[] adblSales)	Method TotalSales Abstract: This calculates the total sales.

Methods inherited from class java.lang.Object

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

Constructor Details

PizzaSalesBQ

```
public PizzaSalesBQ()
```

Method Details

main

```
public static void main(java.lang.String[] args)
```

Method main

Parameters:

`args` - - not used

PrintAverageOfArray

```
public static void PrintAverageOfArray(double[] adblSales,
                                       double dblTotal)
```

Method PrintTotalSales Abstract: This prints the total sales amount for the day.

Parameters:

`adblSales` - - sales array

`dblTotal` - - sales total

PrintMaximumSale

```
public static void PrintMaximumSale(double[] adblSales,
                                    double dblMaximum)
```

Method PrintMaximumSale Abstract: This prints the maximum sale for the day.

Parameters:

`adblSales` - - sales array

`dblMaximum` - - maximum sale

PrintMinimumSale

```
public static void PrintMinimumSale(double[] adblSales,
                                    double dblMinimum)
```

Method PrintMinimumSale Abstract: This prints the minimum sale for the day.

Parameters:

`adblSales` - - sales array

`dblMinimum` - - minimum sale

PrintAverageSales

```
public static void PrintAverageSales(double[] adblSales,
                                     double dblAverage)
```

Method PrintAverageSales Abstract: This prints the average sales for the day.

Parameters:

`adblSales` - - sales array

`dblAverage` - - average total sales

PrintTotalCommission

```
public static void PrintTotalCommission(double dblTotalCommission)
```

Method PrintTotalCommission Abstract: This prints the total employee commission for the day.

Parameters:

`dblTotalCommission` - - total employee commission

PrintPerEmployeeCommission

```
public static void PrintPerEmployeeCommission(double dblPerEmployeeCommission)
```

Method PrintPerEmployeeCommission Abstract: This prints the per employee commission.

Parameters:

`dblPerEmployeeCommission` - - commission per employee

SaleArray

```
public static double[] SaleArray()
```

Method SaleArray Abstract: This creates the sale array, which will store each sale amount.

Returns:

adblSales - sales array

PopulateSaleArray

```
public static double[] PopulateSaleArray(double[] adblSales)
```

Method PopulateSaleArray Abstract: This populates the sale array with each user-inputted sale amount.

Parameters:

`adblSales` - - sales array

Returns:

adblSales - sales array

TotalSales

```
public static double TotalSales(double[] adblSales)
```

Method TotalSales Abstract: This calculates the total sales.

Parameters:

`adblSales` - - sales array

Returns:

dblTotal - total sales

MaximumSale

```
public static double MaximumSale(double[] adblSales)
```

Method MaximumSale Abstract: This finds the maximum value in the sale array.

Parameters:

`adblSales` - - sales array

Returns:

dblMaximum - maximum sale

MinimumSale

```
public static double MinimumSale(double[] adblSales)
```

Method MinimumSale Abstract: This finds the minimum value in the sale array.

Parameters:

`adblSales` - - sales array

Returns:

dblMinimum - minimum sale

AverageSales

```
public static double AverageSales(double[] adblSales,
                                  double dblTotal)
```

Method AverageSales Abstract: This finds the average sales for the day.

Parameters:

`adblSales` - - sales array

`dblTotal` - - total sales

Returns:

dblMinimum - minimum sale

EmployeeArray

```
public static double[] EmployeeArray()
```

Method EmployeeArray Abstract: This creates the employee array, which will store the number of employees.

Returns:

adblEmployees - employees array

CalculateCommission

```
public static double CalculateCommission(double dblTotal)
```

Method CalculateCommission Abstract: This calculates the total employee commission.

Parameters:

`dblTotal` - - total sales

Returns:

dblTotalCommission - total commission on sales

CalculatePerEmployeeCommission

```
public static double CalculatePerEmployeeCommission(double[] adblEmployees,
                                                     double dblTotalCommission)
```

Method CalculatePerEmployeeCommission Abstract: This calculates the commission per employee.

Parameters:

`adblEmployees` - - sales array

`dblTotalCommission` - - total commission on sales

Returns:

dblPerEmployeeCommission - commission per employee

ReadIntegerFromUser

```
public static int ReadIntegerFromUser()
```

Method ReadIntegerFromUser Abstract: Read an integer from the user.

Returns:

intValue - user-inputted value

ReadFloatFromUser

```
public static float ReadFloatFromUser()
```

Method ReadFloatFromUser Abstract: Read a float from the user.

Returns:

user-inputted value