Class PaystubLB

java.lang.Object
        PaystubLB

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

Takes pay data from the user and generates paystub information

Since:

```
2021-03-23
```

Version:

```
1.0
```

Author:

```
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```

Constructor Summary

Constructors

Constructor and Description
PaystubLB()

Method Summary

All Methods	Static Methods	Concrete Methods

Modifier and Type	Method and Description
static double[]	**Append**(double[] adblValues, double dblValue) Method Append Abstract Adds value to the end of the array
static double	**CalcIncome**(double dblWage, double dblHours) Method CalcIncome Abstract calculates gross income from wages and hours
static double	**CalcWitholding**(double dblIncome, int intWitholdings, boolean blnMarried) Method CalcWitholding Abstract Calculates witholding based on witholding elections, AGI and marriage status

static void	main(java.lang.String[] args)
	Method main Abstract main method
static void	PrintPayStub(java.lang.String strName, double dblIncome, double dblMedicareTax, double dblSSATax, double dblFICATax, double dblWitholding, double dblNetIncome)
	Method PrintPayStub Abstract Prints paystub output to console
static double	ReaddoubleFromUser()
	Method ReaddoubleFromUser Abstract: Reads integer value from user input
static int	ReadIntegerFromUser()
	Method ReadIntegerFromUser Abstract: Reads integer value from user input
static java.lang.String	ReadStringFromUser()
	Method ReadStringFromUser Abstract Reads string from user input
static double	Sum(double[] adblValues)
	Method Sum Abstract Adds values of array together

Methods inherited from class java.lang.Object

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

Constructor Detail

PaystubLB

public PaystubLB()

Method Detail

main

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

Method main Abstract main method

Parameters:

args - args

CalcIncome

```
public static double CalcIncome(double dblWage,
                                double dblHours)
```

Method CalcIncome Abstract calculates gross income from wages and hours

Parameters:

```
dblWage - Hourly pay rate
```

```
dblHours - Hours Worked
```

Returns:

```
dblIncome
```

CalcWitholding

```
public static double CalcWitholding(double dblIncome,
                                    int intWitholdings,
                                    boolean blnMarried)
```

Method CalcWitholding Abstract Calculates witholding based on witholding elections, AGI and marriage status

Parameters:

```
dblIncome - Gross Income
```

```
intWitholdings - Whitholding Elections
```

```
blnMarried - MArriage status
```

Returns:

```
dblTaxWitheld
```

PrintPayStub

```
public static void PrintPayStub(java.lang.String strName,
                                double dblIncome,
                                double dblMedicareTax,
                                double dblSSATax,
                                double dblFICATax,
                                double dblWitholding,
                                double dblNetIncome)
```

Method PrintPayStub Abstract Prints paystub output to console

Parameters:

```
strName - Name
```

```
dblIncome - Gross Income
```

```
dblMedicareTax - Medicare tax
```

```
dblSSATax - Social Security Tax
```

```
dblFICATax - Combined Medicare and SSA taxes
```

```
dblWitholding - Federal Taxes witheld
dblNetIncome - calculated net minus taxes
```

ReadIntegerFromUser

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

Method ReadIntegerFromUser Abstract: Reads integer value from user input

Returns:
```
intInput
```

ReaddoubleFromUser

```
public static double ReaddoubleFromUser()
```

Method ReaddoubleFromUser Abstract: Reads integer value from user input

Returns:
```
intInput
```

ReadStringFromUser

```
public static java.lang.String ReadStringFromUser()
```

Method ReadStringFromUser Abstract Reads string from user input

Returns:
```
strInput
```

Append

```
public static double[] Append(double[] adblValues,
                              double dblValue)
```

Method Append Abstract Adds value to the end of the array

Parameters:
```
adblValues - Array to be added to
```
```
dblValue - value to be appended
```
Returns:
```
adblNewArray
```

Sum

```
public static double Sum(double[] adblValues)
```

Method Sum Abstract Adds values of array together

Parameters:

```
adblValues - Array of values to be summed
```

Returns:

```
dblTotal
```