

Class Conversion

java.lang.Object  
Conversion

public class **Conversion**  
extends java.lang.Object

Constructor Summary

Constructors

Constructor	Description
Conversion()	

Method Summary

All Methods

Static Methods

Concrete Methods

Modifier and Type	Method	Description
static double	dollarToEuro(double amountInDollar)	This method converts a given amount in US Dollar to Euro.
static double	dollarToRinggit(double amountInDollar)	This method converts a given amount in US Dollar to Malaysian Ringgit.
static double	euroToDollar(double amountInEuro)	This method converts a given amount in Euro to US Dollar.
static void	main(java.lang.String[] args)	main method: The entry point of the program.
static int	menu(java.util.Scanner sc)	displays a currency conversion menu to the user with four options.
static double	ringgitToDollar(double amountInRinggit)	This method converts a given amount in Malaysian Ringgit to US Dollar.

Methods inherited from class java.lang.Object

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

Constructor Detail

Conversion

public Conversion()

## dollarToEuro

```
public static double dollarToEuro(double amountInDollar)
```

This method converts a given amount in US Dollar to Euro.

### Parameters:

amountInDollar - the amount in US Dollar to be converted

**Returns:**

the equivalent amount in Euro

## euroToDollar

```
public static double euroToDollar(double amountInEuro)
```

This method converts a given amount in Euro to US Dollar.

### Parameters:

amountInEuro - the amount in Euro to be converted

**Returns:**

the equivalent amount in US Dollar

## dollarToRinggit

```
public static double dollarToRinggit(double amountInDollar)
```

This method converts a given amount in US Dollar to Malaysian Ringgit.

### Parameters:

amountInDollar - the amount in US Dollar to be converted

**Returns:**

the equivalent amount in Malaysian Ringgit

## ringgitToDollar

```
public static double ringgitToDollar(double amountInRinggit)
```

This method converts a given amount in Malaysian Ringgit to US Dollar.

### Parameters:

amountInRinggit - the amount in Malaysian Ringgit to be converted

**Returns:**

the equivalent amount in US Dollar

#### menu

```
public static int menu(java.util.Scanner sc)
```

displays a currency conversion menu to the user with four options. It then uses the provided Scanner to read the user's numeric choice and returns that choice as an integer.

**Parameters:**

**sc** - the Scanner object used to read user input from the console

**Returns:**

the validated menu choice (user input) as integer

#### main

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

main method: The entry point of the program. This method is called when the program starts.

**Parameters:**

**args** - an array of command-line arguments passed to the program