

Class

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Class CO2FromElectricity

[java.lang.Object](#)

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CO2FromElectricity

class **CO2FromElectricity**

extends [Object](#)

Constructor Summary

[CO2FromElectricity\(\)](#)

Default constructor to create an object from the CO2FromElectricity class.

Method Summary	
double	calcAverageBill (ArrayList < Double > monthlyBill) A mutator method that calculates the average annual electricity bill.
double	calcAveragePrice (ArrayList < Double > monthlyPrice)

	A mutator method that calculates the average annual price of electricity.
double	calcElectricityCO2 (double avgBill, double avgPrice) A mutator method that calculates the annual home CO2 emission from electricity.

Methods inherited from class java.lang. Object	
clone , equals , finalize , getClass , hashCode , notify , notifyAll , toString , wait , wait , wait	

Constructor Detail

CO2FromElectricity

CO2FromElectricity()

Default constructor to create an object from the CO2FromElectricity class.

Method Detail

calcAverageBill

public double **calcAverageBill**([ArrayList](#)<[Double](#)> monthlyBill)

A mutator method that calculates the average annual electricity bill.

Parameters:

monthlyBill - an ArrayList containing the monthly bills for home electricity use.

Returns:

The average monthly electricity bill.

calcAveragePrice

public double **calcAveragePrice**([ArrayList](#)<[Double](#)> monthlyPrice)

A mutator method that calculates the average annual price of electricity.

Parameters:

monthlyPrice - an ArrayList containing the monthly price of electricity per kilowatt-hour.

Returns:

The average monthly price of electricity.

calcElectricityCO2

```
public double calcElectricityCO2(double avgBill,  
                                double avgPrice)
```

A mutator method that calculates the annual home CO2 emission from electricity.

Parameters:

avgBill The average monthly home electricity bill.

avgPrice The average monthly price of home electricity.

Returns:

The annual home CO2 emission from home electricity use.

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