

HourlyEmployee Class

Represents an employee that is paid hourly.

Namespace: ADEVPayroll

Assembly: ADEVPayroll (ADEVPayroll.dll)

Constructors

HourlyEmployee(System.String, System.String, System.Decimal, System.Decimal)

Initializes and instance of HourlyEmployee with an id, name, hours worked and rate of pay.

Parameters

employeeID: The HourlyEmployee's id.

name: The HourlyEmployee's name.

hoursWorked: The number of hours the HourlyEmployee worked.

rateOfPay: The amount of money earned by the HourlyEmployee per hour.

Exceptions

System.ArgumentException: When employeeID does not contain any characters.

System.ArgumentException: When name does not contain any characters.

System.ArgumentOutOfRangeException: When hoursWorked is less than zero.

System.ArgumentOutOfRangeException: When rateOfPay is less than zero.

Properties

EmployeeID

Gets the HourlyEmployee's ID.

Name

Gets the HourlyEmployee's name.

HoursWorked

Gets and sets the number of hours the HourlyEmployee worked.

System.ArgumentOutOfRangeException: When the value is less than zero.

RateOfPay

Gets and sets the HourlyEmployee's rate of pay.

System.ArgumentOutOfRangeException: When the value is less than zero.

Methods

GetPay(System.Boolean)

Returns the amount the HourlyEmployee is paid. An HourlyEmployee is paid their rate of pay per hour. If an HourlyEmployee exceeds 40 hours, the employee is paid overtime at a rate of 1.5 times their normal rate of pay, unless it is specified that no overtime is paid.

Parameters

isPaidOvertime: Specifies whether the HourlyEmployee is paid overtime.

Return Value

The amount the HourlyEmployee is paid.