Module Main()

//Class array

Payroll [] employee = new Payroll[5]

//Constructor taking name, hourly rate, and hours

employee[0] = new Payroll("John Kit", 14.68, 33)

//Constructor taking name only

employee[1] = new Payroll("Andrew Jack");

//Constructor setting default values

employee[2] = new Payroll();

employee[3] = new Payroll("Michael Peterson", 16.25, 25);

employee[4] = new Payroll("Anna Watson", 15.56, 28);

//Calling .set() methods for employee 3

employee[2].setName("Katy Tommers")

employee[2].setHourlyRate(15.21)

employee[2].setHoursWorked(31)

//Calculate gross pay

employee[0].computePay()

employee[1].computePay()

employee[2].computePay()

employee[3].computePay()

employee[4].computePay()

//Calling .get() methods for employee 3

Display “Employee 3:”

Display “Name: " + employee[2].getName() + " Hourly Rate: $" + employee[2].getHourlyRate() + " Hours:" + employee[2].getHoursWorked()”

//Calling .computePay() method to calculate gross pay for employee

Display “Employee 1:”

Display “Gross Pay: $" + employee[0].computePay()”

//Calling .toString() method to display all employee information

Display “"Employee 4:”

Display “All Information: " + employee[3].toString()”

//Displaying all employee information to show that all methods/constructors work

Display “All Employee Information: "

Display “employee[0].toString()”

Display “employee[1].toString()”

Display “employee[2].toString()”

Display “employee[3].toString()”

Display “employee[4].toString()”

End Module Main

//Payroll Class

Class Payroll {

//Four data fields of the Payroll class

private String name

private Double hourlyRate

private Double hoursWorked

private Double payment

//Default/no-arg constructor

//Constructor that sets name blank and hourly rate and hours worked equal to 0

public Payroll() {

name = ""

hourlyRate = 0

hoursWorked = 0

}

//Constructor that takes employee's name, hourly rate, and hours worked

public Payroll(String newName, double newHourlyRate, double newHoursWorked) {

name = newName

hourlyRate = newHourlyRate

hoursWorked = newHoursWorked

}

//Constructor that only takes' employees name

public Payroll(String newName) {

name = newName

hourlyRate = 0

hoursWorked = 0

}

//get() method for name

public String getName() {

Return name

}

//get() method for hourly rate

public Double getHourlyRate() {

Return hourlyRate

}

//get() method for hours worked

public Double getHoursWorked() {

Return hoursWorked

}

//set() method for name

public void setName(String newName) {

name = newName

}

//set() method for hourly rate

public void setHourlyRate(double newHourlyRate) {

hourlyRate = newHourlyRate

}

//set() method for hours worked

public void setHoursWorked(double newHoursWorked) {

hoursWorked = newHoursWorked

}

//Method to calculate gross pay of employee

public Double computePay() {

payment = hourlyRate \* hoursWorked

Return payment

}

//Method to print all employee information

public String toString() {

Return "Name: " + name + " Hourly Rate: $" + hourlyRate + " Hours: " + hoursWorked + " Gross Pay: $" + payment

}

}End Class Payroll