Lab #4

Section 1 – Chapter 7

Write a program that creates a class called Employee with two attributes: a string called name and a hire date.

a. The first constructor of Employee sets name = "No name" and hireDate = new Date().
b. A second constructor that takes a string and date values and sets the name and hire date to those values respectively.
c. Create a setName method that takes a string and sets the name attribute.
d. Create a getName method that returns a name attribute.

Create a second class called HourlyEmployee that extends the Employee class above.

a. In its constructor call the super() method and set two new double attributes wageRate = 0 and hours = 0.
b. A second constructor takes a string, date and two double values and calls super(theName, theDate) method and set the wageRage and hours attributes
c. Create a setWageRage method that takes a double and set the wageRate attribute.
d. Create a getWageRage method that returns a wageRage value.

Section 2 – Chapter 8

Create a main class that creates an HourlyEmployee object with name “Joe Worker” and new Date(), 50.50, 160);

Print out “**joe's longer name is** ” _____ using HourlyEmployee getName method

Print out “**Changing joe's name to Josephine**.”

Call the setName method and pass the string “Josephine”

Print out “**joe's record is as follows:**” _____ creating a toString method in HourlyEmployee that returns

(getName( ) + " " + getHireDate( ).toString( ) + "\n$" + wageRate + " per hour for " + hours + " hours");