Employee.java

package ch9;

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\* @author El Computidora

\*/

public class Employee {

String name;

int number;

String letter;

int hdate;

public String setname(String n){

name = n;

return name;

}

public int setnumber(int nu){

number = nu;

return number;

}

public String setletter(String l){

letter = l;

return letter;

}

public int sethdate(int hd){

hdate = hd;

return hdate;

}

public Employee(String n, int nu, String l, int hd){

this.name = n;

this.number = nu;

this.letter = l;

this.hdate = hd;

}

public String toString(){

String str;

str =

" name: " + name +

"\n number: " + number + "-" + letter +

"\n hire date: " + hdate;

return str;

}

}

ShiftSupervisor.java

package ch9;

public class ShiftSupervisor extends Employee{

private double asalary;

private double bonus;

public double setSalary(double sal){

asalary = sal;

return asalary;

}

public double setBonus(double bn){

bonus = bn;

return bonus;

}

public double getBonus(){

bonus = asalary/.1;

asalary = asalary + bonus;

return bonus;

}

public String toString(){

String str;

str =

" name: " + name +

"\n number: " + number + "-" + letter +

"\n hire date: " + hdate +

"\n Salary: " + asalary +

"\n Bonus: " + bonus;

return str;

}

public ShiftSupervisor(String n, int nu, String l, int hd, double asal, double bnus) {

super(n, nu, l, hd);

bonus = bnus;

asalary = asal;

}

}

ShiftSupervisorMain.java

package ch9;

/\*

Programmer: Peter G Rutherford

Assignment Chapter: Chapter 9

Purpose: My purpose is to learn Java and get a good grade.

Date modified: 01/5/2021

IDE/Toool used: NetBeans IDE 8.2

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import java.util.\*;

public class ShiftSupervisormain {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

System.out.println("Input name");

String n1 = scanner.nextLine();

System.out.println("pick 3 random numbers (xxx): ");

int n2 = scanner.nextInt();

System.out.println("Pick a letter A-l");

String l3 = scanner.nextLine();

scanner.nextLine();

System.out.println("Enter date");

int d4 = scanner.nextInt();

System.out.println("Enter Salary: ");

double s5 = scanner.nextDouble();

System.out.println("Were the production goals met?");

String ans1 = scanner.nextLine();

scanner.nextLine();

double b6 = 0;

ShiftSupervisor randomperson = new ShiftSupervisor(n1, n2, l3, d4, s5, b6);

switch(ans1){

case "yes":

System.out.println(randomperson.getBonus());

break;

case "no":

randomperson.setBonus(0);

break;

}

System.out.println(randomperson);

}

}

ProductionWorker.java

package ch9;

public class ProductionWorker extends Employee{

private int Shift;

private double HourlyPayRate;

public int setShift(int Sh){

Shift = Sh;

return Shift;

}

public double setHourlyPayRate(double hpr){

HourlyPayRate = hpr;

return HourlyPayRate;

}

public ProductionWorker(String n, int nu, String l, int hd, int S, double Hpr) {

super(n, nu, l, hd);

this.Shift = S;

this.HourlyPayRate = Hpr;

}

public String toString(){

String str;

str =

" name: " + name +

"\n number: " + number + "-" + letter +

"\n hire date: " + hdate +

"\n Shift: " + Shift +

"\n Hourly Pay Rate: " + HourlyPayRate;

return str;

}

public String getProductionworker(){

return toString();

}

}

ProductionWorkerMain.java

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package ch9;

import java.util.\*;

public class ProducitonworkerMain {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

System.out.println("Enter your name: ");

String name = scanner.nextLine();

System.out.println("Enter a single letter A through L: ");

String letter = scanner.nextLine();

System.out.println("Enter three numbers XXX: ");

int number = scanner.nextInt();

System.out.println("Enter the current date: ");

int hdate = scanner.nextInt();

System.out.println("Enter your shift(1 for morning|2 for night): ");

int shift = scanner.nextInt();

System.out.println("Enter preffered pay rate(per hour): ");

double hpr = scanner.nextDouble();

ProductionWorker Peter = new ProductionWorker( name, number, letter, hdate, shift, hpr);

System.out.println("\n" + Peter);

}}



