//Author: Mengge Li

//Project 2

//2013/5/26

**import** java.util.Scanner;

**import** javax.swing.JOptionPane;

**public** **class** PayCheckerTester {

**private** **static** String *employeeName*;

**public** **static** **void** main(String[] args) {

Scanner keyBoard=**new** Scanner(System.*in*);

System.*out*.println("Please enter first employee's name: ");

String employeeName=keyBoard.nextLine();

System.*out*.println("Please enter first employee's ID: ");

String employeeID=keyBoard.nextLine();

System.*out*.println("Please enter first employee's hourly wage: ");

**double** hourlyWage=keyBoard.nextDouble();

System.*out*.println("Please enter first employee's hours worked for last week: ");

**double** totalHours=keyBoard.nextDouble();

PayCheck p1=**new** PayCheck(employeeName, employeeID,hourlyWage, totalHours );

System.*out*.println("Employee's ID: "+p1.getID()+", Employee's Name:"+p1.getName());

System.*out*.printf("Gross pay is:%.2f\n",p1.getGrossPay());

System.*out*.printf("Federal tax withheld is:%.2f\n ",p1.getFedTax());

System.*out*.printf("State tax withheld is: %.2f\n",p1.getStateTax());

System.*out*.printf("Local tax withheld is:%.2f\n ",p1.getLocalTax());

System.*out*.printf("Social security tax withheld is:%.2f\n ",p1.getSocialSecTax());

System.*out*.printf("Medicare tax withheld is:%.2f\n ",p1.getMedicareTax());

System.*out*.printf("Net Pay is:%.2f \n",p1.getNetPay());

System.*out*.println("Please enter 10% raise for employee1: ");

**double** byPercent=keyBoard.nextDouble();

p1.raiseWage(byPercent);

System.*out*.printf(p1.getName()+"new gross pay after raise is:%.1f\n ",p1.getGrossPay());

System.*out*.printf(p1.getName()+"new net pay after raise is: %.1f\n",p1.getNetPay());

String Name1=JOptionPane.*showInputDialog*("Please enter second employee's name: ");

String ID1=JOptionPane.*showInputDialog*("Please enter second employee's ID: ");

String Wage1=JOptionPane.*showInputDialog*("Please enter second employee's hourly wage: ");

**double** hourlyWage1=Double.*parseDouble*(Wage1);

String Hour1=JOptionPane.*showInputDialog*("Please enter second employee's hours worked for last week: ");

**double** totalHours1=Double.*parseDouble*(Hour1);

PayCheck p2=**new** PayCheck(Name1,ID1,hourlyWage1,totalHours1);

JOptionPane.*showMessageDialog*(**null**,"Employee's ID is:"+p2.getID()+", Employee's name is: "+ p2.getName());

JOptionPane.*showMessageDialog*(**null**,"Gross Pay is:"+String.*format*("%.2f",p2.getGrossPay()));

JOptionPane.*showMessageDialog*(**null**,"Federal Tax withheld is:"+String.*format*("%.2f",p2.getFedTax()));

JOptionPane.*showMessageDialog*(**null**,"State Tax withheld is:"+String.*format*("%.2f",p2.getStateTax()));

JOptionPane.*showMessageDialog*(**null**,"Local Tax withheld is:"+String.*format*("%.2f",p2.getLocalTax()));

JOptionPane.*showMessageDialog*(**null**,"Social Security Tax withheld is:"+String.*format*("%.2f",p2.getSocialSecTax()));

JOptionPane.*showMessageDialog*(**null**,"Medicare Tax withheld is:"+String.*format*("%.2f",p2.getMedicareTax()));

JOptionPane.*showMessageDialog*(**null**,"Net pay is:"+String.*format*("%.2f",p2.getNetPay()));

String Percent1=JOptionPane.*showInputDialog*("please enter 20% raise for employee2: ");

**double** byPercent1=Double.*parseDouble*(Percent1);

p2.raiseWage(byPercent1);

JOptionPane.*showMessageDialog*(**null**,p2.getName()+"new gross pay after raise is:"+String.*format*("%.2f",p2.getGrossPay()));

JOptionPane.*showMessageDialog*(**null**,p2.getName()+"new net pay after raise is:"+String.*format*("%.2f",p2.getNetPay()));

}

}