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\* Program Name: Lab04 - PayStub Calculations pay check

\* Program Description: This program calculates net paycheck information

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package lab04waiyat;

import java.text.DecimalFormat;

import java.text.NumberFormat;

import java.util.Scanner;

public class Lab04Waiyat {

public static void main(String[] args) {

Scanner input= new Scanner(System.in);

NumberFormat numberFormat = new DecimalFormat("#,###.00");

//final double \*//

final double SOC\_SEC\_RATE=0.06;

final double MEDICARE\_RATE=0.01;

final double UNION\_DUES\_RATE=0.01;

final double RETIREMENT\_PLAN\_RATE=0.02;

final double RETIREMENT\_HEALTH\_RATE=0.03;

// enter your input

System.out.println("enter hour of work:");

double hourWork = input.nextDouble();

System.out.println("enter pay rate:$");

double payRate = input.nextDouble();

System.out.println("enter fed tax withb holding rate:$");

double fedTaxWithHoldingRate = input.nextDouble();

System.out.println("enter state tax with holding rate:$");

double stateTaxWithHoldingRate = input.nextDouble();

//output

System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

System.out.println("\*\*PayStub Information\*\*");

System.out.println("\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*");

//Equal solution

double grossPay;

double fedTaxWithHeld;

double stateTaxWithHeld;

System.out.println("Hours Worked:"+numberFormat.format(hourWork));

System.out.println("Pay Rate:$"+numberFormat.format(payRate));

System.out.println("Gross Pay:$"+numberFormat.format(grossPay=hourWork\*payRate));

System.out.println("deductions:");

System.out.println("\n\tFederal Tax(15.0%)"+numberFormat.format(fedTaxWithHeld=grossPay\*fedTaxWithHoldingRate));

System.out.println("\n\tState Tax(10.0%)"+numberFormat.format(stateTaxWithHeld=grossPay\*stateTaxWithHoldingRate));

double socsecTaxWithHeld;

double medicareTaxWithHeld;

double unionDuesWithHeld;

double retirementPlanWithheld;

double retirementHealthWithheld;

System.out.println("\n\tSocial Security Tax(6.0%):" +numberFormat.format(socsecTaxWithHeld=grossPay\*SOC\_SEC\_RATE));

System.out.println("\n\tMedicare Tax(1.0%):" +numberFormat.format(medicareTaxWithHeld=grossPay\*MEDICARE\_RATE));

System.out.println("\n\tUnion Dues(1.0%):" +numberFormat.format(unionDuesWithHeld=grossPay\*UNION\_DUES\_RATE));

System.out.println("\n\tRetirement Plan(2.0%)"+numberFormat.format(retirementPlanWithheld=grossPay\*RETIREMENT\_HEALTH\_RATE));

System.out.println("\n\tRetirement Health(3.0%)"+numberFormat.format(retirementHealthWithheld=grossPay\*RETIREMENT\_HEALTH\_RATE));

//Calculation or compute

double totalDeductions;

System.out.println("totalDeductions:"+(totalDeductions=fedTaxWithHeld+stateTaxWithHeld+socsecTaxWithHeld+

medicareTaxWithHeld+unionDuesWithHeld+retirementPlanWithheld+retirementHealthWithheld ));

System.out.println("netPay:"+(grossPay-totalDeductions));

}

}