#include <iostream>

#include <iomanip>

int main() {

int hoursWorked, regularRate, numChildren;

const int regularHours = 40;

const double taxRate = 0.15;

const double healthLevyRate = 0.025;

const double districtTaxRate = 0.01;

const double childEducationFund = 0.5;

double regularPay, overtimePay, grossPay, taxAmount, healthLevyAmount, districtTaxAmount, childFundAmount, netPay;

// Input hours worked, regular pay rate, and number of children

std::cout << "Enter the number of hours worked: ";

std::cin >> hoursWorked;

std::cout << "Enter the regular pay rate per hour: ";

std::cin >> regularRate;

std::cout << "Enter the number of children: ";

std::cin >> numChildren;

// Calculate regular pay

if (hoursWorked <= regularHours) {

regularPay = hoursWorked \* regularRate;

overtimePay = 0;

} else {

regularPay = regularHours \* regularRate;

overtimePay = (hoursWorked - regularHours) \* regularRate \* 1.5;

}

// Calculate gross pay

grossPay = regularPay + overtimePay;

// Calculate deductions

taxAmount = grossPay \* taxRate;

healthLevyAmount = grossPay \* healthLevyRate;

districtTaxAmount = grossPay \* districtTaxRate;

childFundAmount = (numChildren > 3) ? ((numChildren - 3) \* 0.5) : 0;

// Calculate net pay

netPay = grossPay - taxAmount - healthLevyAmount - districtTaxAmount - childFundAmount;

// Display results

std::cout << std::fixed << std::setprecision(2);

std::cout << "Regular Pay: " << regularPay << std::endl;

return 0;

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