Assignment # 2 Tax Calculator

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**Output:**

Given Income as J$-1

A screenshot of a computer

Description automatically generated

Given Income As J$4000

A screenshot of a computer

Description automatically generated

Given Income as J$5000

A screenshot of a computer

Description automatically generated

Given Income as J$10000

A screenshot of a computer

Description automatically generated

Given Income as J$40000

A screenshot of a computer

Description automatically generated

**Java Code:**

package jtax;

import java.util.Scanner;

public class JLIncomeTaxCalculator {

/\*CPSC 24500-001- Object-Oriented Programming

\* Assignment 2 - IncomeTax Calculator

\* This program calculates the Income tax for the employee income based on below

\* Tax Slabs - 0 to 4000 J$ - Tax free

\* 10% tax on next $1500

\* 20% tax on next J$28000

\* 40% on the remaining amount

\*/

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

int incomeTax = 0;

//Get Employee Name & salary in J$

System.out.print("Enter the Emplyee Name: ");

String empName = sc.nextLine();

System.out.print("Enter the Employee Income in Javean Dollar (J$):");

double empIncome = sc.nextDouble();

//Precise the income to discard the fraction values

int income = (int) empIncome;

//calculate Income tax

if(income < 0)

{

System.out.println("Invalid input, income should be zero or more");

}

else

{

// System.out.print("Calculate");

if (income > 4000) {

int taxableIncome = income - 4000;

if (taxableIncome > 1500) {

incomeTax += 1500 \* 0.10; // Tax for the first 1500

taxableIncome -= 1500;

if (taxableIncome > 28000)

{

incomeTax += 28000 \* 0.20; // Tax for the next 28000

taxableIncome -= 28000;

incomeTax += taxableIncome \* 0.40; // Tax for the remaining

}

else {

incomeTax += taxableIncome \* 0.20; // Tax for the amount between 1500 to 28000

}

} else {

incomeTax += taxableIncome \* 0.10; // Tax for the income between 4000 to 5500

}

}

System.out.printf("Employee %s with Income %.2f has to pay the Incometax of J$%d ",empName, empIncome, incomeTax);

}

}

}