**Critical Thinking 2**

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CSC 320-1

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Pseudo Code

Import scanner

Collect incoming information input

If incomes < than $500

then tax = .1

print income \* tax

elseif incomes >= $500 and < $1500

then tax =.15

print income \* tax

elseif incomes >= to $1500 and < $2500

then tax =.2

print income \* tax

else incomes >= to $2500

then tax =.3

print income \* tax

**Source Code**

import java.util.Scanner;

public class CSC320 {

    public static void main(String[] args)

    {

        double taxRate, total\_tax;

        Scanner hi = new Scanner(System.in);

        System.out.println("enter income");

        double income = hi.nextDouble();

        if (income == 1234)

        {

            taxRate = 0.1;

        }

        else if (income >= 500 && income < 1500)

        {

            taxRate = 0.15;

        }

        else if (income >= 1500 && income < 2500)

        {

            taxRate = 0.2;

        }

        else

        {

            taxRate = 0.3;

        }

        {

           total\_tax = income \* taxRate;

            System.out.println("Your weekly average tax withholding is: $" + total\_tax);

        }

    }

}

