

## 6. JOAN OSWALDO COBEÑA ZAMBRANO

```
public static float computeIVA (float totalPrice, float ivaPercentage) {
    float IVA = totalPrice * (ivaPercentage/100.0F);
    return TwoTenthsRounding.roundToTwoTenths(totalAmount: IVA);
}

public static float getPriceFromIVAIncluded (float priceIVAIncluded, float ivaPercentage) {
    float totalPrice = priceIVAIncluded / (1+(ivaPercentage/100));
    return totalPrice;
}

public static float computeSodaICE (float totalPrice, float capacityInMl, float gramsOfSugar, float
    float marginOfGain = 30.0F/100.0F;
    float specificBase = (gramsOfSugar/100.0F)*(capacityInMl/1000.0F);
    float specificFee = 0.0F;
    float advaloremBase = getPriceFromIVAIncluded(priceIVAIncluded: totalPrice, ivaPercentage)*(1+margin
    float advaloremFee = 0.0F;

    if(gramsOfSugar == 0){
        specificFee = 0.0F;
    }
    else if ((gramsOfSugar*1000.0F)/capacityInMl > 25.0F){
        specificFee = 0.18F;
    }
    else {
        advaloremFee = 0.1F;
    }
}
```

```
public static float computeBigScaleIndustrialBeerICE (float totalPrice, float capacityInMl, float
    float specificBase = (alcoholContent/100.0F)*(capacityInMl/1000.0F);
    float specificFee = 13.08F;
    float advaloremBase = 0.0F;
    float advaloremFee = 75.0F/100.0F;
    float baseAdvaloremRate = 4.33F;

    if ((totalPrice*1000.0F)/capacityInMl > 4.33F){
        advaloremBase = getPriceFromIVAIncluded(priceIVAIncluded: totalPrice, ivaPercentage)-baseAdval
    }

    float ICE = ((specificBase*specificFee)+(advaloremFee*advaloremBase));
    return TwoTenthsRounding.roundToTwoTenths(totalAmount: ICE);
}

public static float computeCraftBeerICE (float totalPrice) {

    float totalWithICE = totalPrice;
    return totalWithICE;
}
```

```
public class Income {  
    public static float computeIR(float mensualIncome){  
        float totalIncome = mensualIncome * 12;  
        float basicFractionTax = 0.0F;  
        float surplusFractionPercentage = 0.0F;  
        float excedentOver = 0.0F;  
  
        if(totalIncome > 11722.0F && totalIncome <= 14935.0F){  
            basicFractionTax = 0.0F;  
            surplusFractionPercentage = 5.0F/100F;  
            excedentOver = 11722.0F;  
        }  
        else if (totalIncome > 14935.0F && totalIncome <= 18666.0F){  
            basicFractionTax = 161.0F;  
            surplusFractionPercentage = 10.0F/100F;  
            excedentOver = 14935.0F;  
        }  
        else if (totalIncome > 18666.0F && totalIncome <= 22418.0F){  
            basicFractionTax = 534.0F;  
            surplusFractionPercentage = 12.0F/100F;  
            excedentOver = 18666.0F;  
        }  
        else if (totalIncome > 22418.0F && totalIncome <= 32783.0F){  
            basicFractionTax = 984.0F;  
            surplusFractionPercentage = 15.0F/100F;  
            excedentOver = 22418.0F;  
        }  
        else if (totalIncome > 32783.0F && totalIncome <= 43147.0F){  
            basicFractionTax = 2539.0F;  
        }  
    }  
}
```