



Universidad de las Fuerzas Armadas ESPE

Object Oriented Programming

Teacher: Edison Lascano

Student: Revilla Antonio

Nrc: 14575

WorkShop # 31

Topic: Libraries

```

1 package ec.espe.edu.calculatorIVA.controler;
2
3 /**
4  *
5  * @author Antonio Revilla
6  */
7
8 public class Calculation {
9
10     public static final double valueIVA = 0.12;
11
12     public static double calculateIVA(double price) {
13         return price * valueIVA;
14     }
15
16     public static double calculateTotalCost(double price) {
17         double iva = calculateIVA(price);
18         return price + iva;
19     }
20 }

```

```

1 package ec.espe.edu.calculatorIVA.view;
2
3 import ec.espe.edu.calculatorIVA.controler.Calculation;
4
5 /**
6  *
7  * @author Antonio Revilla
8  */
9
10 public class SystemCalculator {
11     public static void main(String[] args) {
12         double price = 12;
13
14         System.out.println("----IVA----");
15         System.out.println("Antonio Revilla");
16         System.out.println("Price: " + price);
17         System.out.println("IVA: " + Calculation.calculateIVA(price));
18         System.out.println("total cost with IVA: " + Calculation.calculateTotalCost(price));
19     }
20 }
21
22
23

```