UNIVERSIDAD DE LAS FUERZAS ARMADAS – "ESPE"
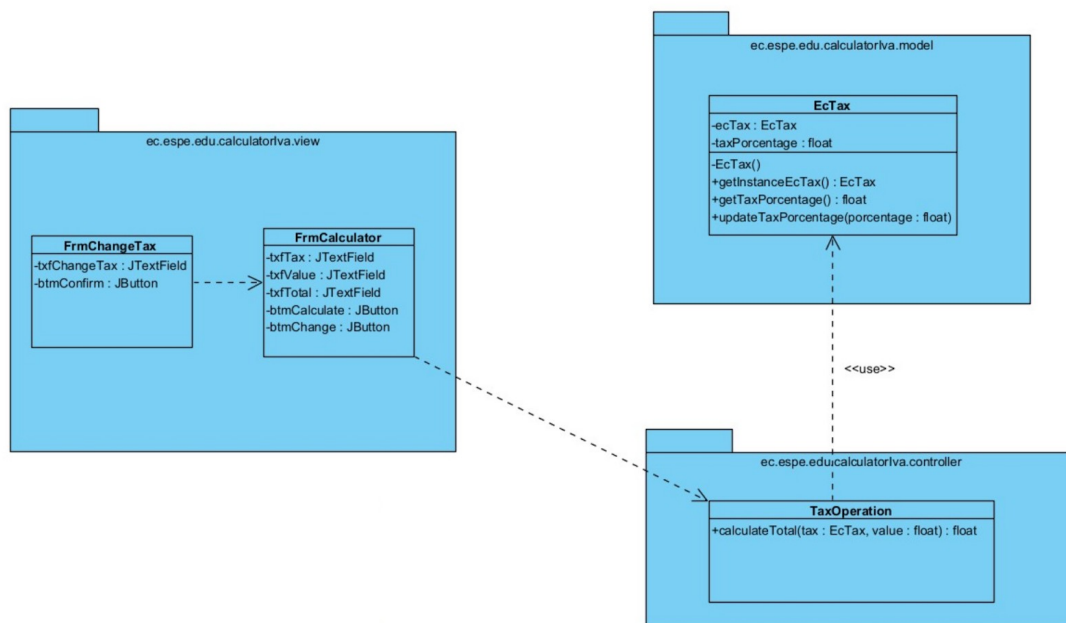
CLASS NAME: OBJECT ORIENTED PROGRAMMING
INSTRUCTOR: EDISON LASCANO
NRC: 14575

WORKSHOP #42

TOPIC: Singleton

NAME: ANDRÉS ROMERO

```java
1   package ec.edu.espe.usataxcalculator.controller;
2
3   import ec.edu.espe.usataxcalculator.model.Tax;
4   import ec.edu.espe.usataxcalculator.view.FrmTax;
5
6
7   public class TaxController {
8       private Tax model;
9       private FrmTax view;
10
11      public TaxController(Tax model, FrmTax view) {
12          this.model = model;
13          this.view = view;
14      }
15
16      public void calculateTax() {
17          double amount = view.getAmount();
18          double taxRate = view.getTaxRate();
19          double totalWithTax = model.calculateTotalWithTax(amount, taxRate);
20          view.setResult(totalWithTax);
21      }
22  }
```