



**Universidad de las Fuerzas Armadas**

**CLASS NAME:** OBJECT ORIENTED PROGRAMMING

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**NRC:** 14575

**HOMEWORK #:** 26

**TOPIC:** Design Patterns

```
class calculator {  
    public static void main(String args[ ]) {  
        UsTax tax = USTax.getInstance();  
        tax.salesTotal();  
    }  
}
```

```
class USTax {  
    private static USTax instance;  
    private USTax();  
  
    public static USTax getInstance() {  
        if(instance == null)  
            instance = new USTax();  
        return instance;  
    }  
  
    public float salesTotal() {  
        ...  
    }  
}
```