

Projects x Services Files

UsTax

- Source Packages
 - ec.edu.espe.ustax.controller
 - ec.edu.espe.ustax.model
 - ArizonaTax.java
 - ec.edu.espe.ustax.view
 - Calculator.java
- Test Packages
- Libraries
- Test Libraries

Calculator.java x ArizonaTax.java x

Source History

```
1 package ec.edu.espe.ustax.view;
2
3 import ec.edu.espe.ustax.model.ArizonaTax;
4 /**
5  *
6  * @author Camila Teca, DEEE-ESPE
7  */
8 public class Calculator {
9
10     public static void main(String[] args) {
11         System.out.println("--> Singleton Pattern <--");
12         ArizonaTax tax = ArizonaTax.getInstance();
13         tax.salesTotal();
14     }
15 }
16
```

Output - UsTax (run) x

```
run:
--> Singleton Pattern <--
The value of your product is:
211,99
In Arizona state the total price including the tax of 5.6 % is 224 dollars
BUILD SUCCESSFUL (total time: 7 seconds)
```

16:1 | INS

Projects x Services Files

Calculator.java x ArizonaTax.java x

UsTax

- Source Packages
 - ec.edu.espe.ustax.controller
 - ec.edu.espe.ustax.model
 - ArizonaTax.java
 - ec.edu.espe.ustax.view
 - Calculator.java
- Test Packages
- Libraries
- Test Libraries

```
7  *
8  * @author Camila Teca, DEEE-ESPE
9  */
10 public class ArizonaTax {
11
12     private static ArizonaTax instance;
13     float taxRate;
14
15     private ArizonaTax() {
16         taxRate = 5.6F;
17     }
18
19     public static ArizonaTax getInstance() {
20         if (instance == null) {
21             instance = new ArizonaTax();
22         }
23         return instance;
24     }
25
26     public float salesTotal() {
```

Output - UsTax (run) x

```
run:
--> Singleton Pattern <--
The value of your product is:
211,99
In Arizona state the total price including the tax of 5.6 % is 224 dollars
BUILD SUCCESSFUL (total time: 7 seconds)
```

27:51 | INS