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Java Assessment ReTest 31-Aug-2

Description   Submission   Edit

PropertyTax- calculate Property Tax

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DOWNLOAD THE CODE SKELETON TO WORK IN ECLIPSE

Write JUNIT test class named "PropertyTaxTest" to test the method calculatePropertyTax in the given PropertyTax Class. PropertyTax class is given; you need to write only the JUNIT code.

Note: Do not alter the code present inside the PropertyTax class.

PropertyTax.java

```
public class PropertyTax {

        private int assessmentNo;

        private String propertyType;

        private int sqFeet;

        public PropertyTax(int assessmentNo, String propertyType, int sqFeet) {

                super();

                this.assessmentNo=assessmentNo;

                this.propertyType=propertyType;

                this.sqFeet=sqFeet;

        }

        public double calculatePropertyTax(){

                if(propertyType.equalsIgnoreCase("Commercial"))
```

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```
            }

                else

                    return 0.0;

        }

}
```

Requested files

TestProject/src/PropertyTax.java

```java
 1
 2 public class PropertyTax {
 3   private int assessmentNo;
 4   private String propertyType;
 5   private int sqFeet;
 6
 7   public PropertyTax(int assessmentNo, String propertyType, int sqFeet) {
 8        super();
 9        this.assessmentNo=assessmentNo;
10        this.propertyType=propertyType;
11        this.sqFeet=sqFeet;
12   }
13   public double calculatePropertyTax(){
14        if(propertyType.equalsIgnoreCase("Commercial"))
15        {
16             return (sqFeet*5);
17        }
18        else
19             return 0.0;
20   }
21
22
23
24
25
26 }
27
```

TestProject/src/PropertyTaxTest.java

```java
 1
 2 public class PropertyTaxTest {
 3
 4 }
 5
```

TestProject/src/UserInterface.java

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```java
 5 public class UserInterface
 6 {
 7     public static void main(String args[])
 8     {
 9         Result result=JUnitCore.runClasses(PropertyTaxTest.class);
10
11         if(result.getFailureCount()==0)
12         {
13             System.out.println("No Failures");
14         }
15         else
16         {
17             for(Failure failure: result.getFailures())
18
19             {
20                 System.out.println(failure.toString());
21             }
22         }
23         System.out.println("Result"+result.wasSuccessful());
24     }
25 }
```