**TASK-8.0**

**Please read the source code below and try to understand what it does.**

**int** findPosition(String[] list, String term){

**if** (list==**null** || list.length==0)

**return**(-1);

**else**{

**int** position=1;

**for** (String name: list){

position++;

**if**(name.compareTo(term)==0)

**break**;

}

**return**(position > 0 ? position: 0);

}

}

**Q.8.0. How well do you think you understand the code?**

* Well
* Not so well

**TASK-8.1**

However, this same code is failing.

**Failure Message:**

java.lang.AssertionError: expected same:<2> but was:<3>

**Test:**

org.junit.Assert.assertSame("Wrong position", 2,

PositionFinder.findPosition(new tring[]{"Hola","Kumusta"}, "Kumusta"));

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We will ask you **four different** questions about the **same code** with the **same failure** above.

**Q.8.1. Do you think that something in the highlighted code causes the failure?**

* Yes
* No

**int** findPosition(String[] list, String term){

**if** (list==**null** || list.length==0)

**return**(-1);

**else**{

**int** position=1;

**for** (String name: list){

position++;

**if**(name.compareTo(term)==0)

**break**;

}

**return**(position > 0 ? position: 0);

}

}

**Q.8.2. How confident are you that your answer is correct?**

* Confident
* Not so confident

**TASK-8.2**

**Failure Message:**

java.lang.AssertionError: expected same:<2> but was:<3>

**Test:**

org.junit.Assert.assertSame("Wrong position", 2,

PositionFinder.findPosition(new tring[]{"Hola","Kumusta"}, "Kumusta"));

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**Q.8.3. Do you think that something in the highlighted code causes the failure?**

* Yes
* No

**int** findPosition(String[] list, String term){

**if** (list==**null** || list.length==0)

**return**(-1);

**else**{

**int** position=1;

**for** (String name: list){

position++;

**if**(name.compareTo(term)==0)

**break**;

}

**return**(position > 0 ? position: 0);

}

}

**Q.8.4. How confident are you that your answer is correct?**

* Confident
* Not so confident