**TASK-11.0**

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

**public** **int** wordPosition(String sentence, String wordToBeFound){

String[] wordlist = sentence.split(" ");

**int** found=-1;

**for** (**int** i=0; i<wordlist.length-1; i++) {

**if** (wordlist[i].compareTo(wordToBeFound)==0)

found= i;

}

**return** found;

}

**Q.11.0. How well do you think you understand the code?**

* Well
* Not so well

**TASK-11.1**

However, this same code is failing.

**Failure Message:**

java.lang.AssertionError: expected same:<2> was but:<-1>

**Test:**

Assert.assertSame(2, finder.wordPosition("cogito ergo sum","sum"));

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We will ask you to inpect **two different** locations in the **same code**.

**Q.11.1. Do you think that the highlighted location causes the failure?**

* Yes
* No

**public** **int** wordPosition(String sentence, String wordToBeFound){

String[] wordlist = sentence.split(" ");

**int** found=-1;

**for** (**int** i=0; i<wordlist.length-1; i++) {

**if** (wordlist[i].compareTo(wordToBeFound)==0)

found= i;

}

**return** found;

}

**Q.11.2. How confident are you that your answer is correct?**

* Confident
* Not so confident

**TASK-11.2**

**Failure Message:**

java.lang.AssertionError: expected same:<2> was but:<-1>

**Test:**

Assert.assertSame(2, finder.wordPosition("cogito ergo sum","sum"));

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**Q.11.3. Do you think that the highlighted code causes the failure?**

* Yes
* No

**public** **int** wordPosition(String sentence, String wordToBeFound){

String[] wordlist = sentence.split(" ");

**int** found=-1;

**for** (**int** i=0; i<wordlist.length-1; i++) {

**if** (wordlist[i].compareTo(wordToBeFound)==0)

found= i;

}

**return** found;

}

**Q.11.4. How confident are you that your answer is correct?**

* Confident
* Not so confident