**TASK-7.0**

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

**public** **static** Class<?>[] toClass(Object[] array) {

**if** (array == **null**) {

**return** **null**;

} **else** **if** (array.length == 0) {

**return** ArrayUtils.EMPTY\_CLASS\_ARRAY;

}

Class<?>[] classes = **new** Class[array.length];

**for** (**int** i = 0; i < array.length; i++) {

classes[i] = array[i].getClass();

}

**return** classes;

}

**Q.7.0. How well do you think you understand the code?**

* Well
* Not so well

**TASK-7.1**

However, this same code is failing.

**Failure Message:**

java.lang.NullPointerException

**Test:**

assertTrue(Arrays.equals(new Class[] { String.class, null, Double.class },

ClassUtils.toClass(new Object[] { "Test", null, 99d })));

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

**Q.7.1. Do you think that something in the highlighted code causes the failure?**

* Yes
* No

**public** **static** Class<?>[] toClass(Object[] array) {

**if** (array == **null**) {

**return** **null**;

} **else** **if** (array.length == 0) {

**return** ArrayUtils.EMPTY\_CLASS\_ARRAY;

}

Class<?>[] classes = **new** Class[array.length];

**for** (**int** i = 0; i < array.length; i++) {

classes[i] = array[i].getClass();

}

**return** classes;

}

**Q.7.2. How confident are you that your answer is correct?**

* Confident
* Not so confident

**TASK-7.2**

**Failure Message:**

java.lang.NullPointerException

**Test:**

assertTrue(Arrays.equals(new Class[] { String.class, null, Double.class },

ClassUtils.toClass(new Object[] { "Test", null, 99d })));

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**Q.7.3.- Do you think that something in the yellow section causes the failure?**

* Yes
* No

**public** **static** Class<?>[] toClass(Object[] array) {

**if** (array == **null**) {

**return** **null**;

} **else** **if** (array.length == 0) {

**return** ArrayUtils.EMPTY\_CLASS\_ARRAY;

}

Class<?>[] classes = **new** Class[array.length];

**for** (**int** i = 0; i < array.length; i++) {

classes[i] = array[i].getClass();

}

**return** classes;

}

**Q.7.4. How confident are you that your answer is correct?**

* Confident
* Not so confident