2. **Java developers**

1. What are the differences between classes such as String and StringBuffer?

String is read only and immutable. StringBuffer can be modified.

1. Describe the difference between classes such as Vector and ArrayList, and Hashtable and HashMap.

Vectors are synchronized. Any method that touches the Vector's contents is thread safe. ArrayList, on the other hand, is unsynchronized, making them, therefore, not thread safe

1. What are the relationship between the equals() and hashCode() method?

If 2 objects are equal then they should have same hashCode.

1. What are the difference between Nested Class and Inner Class?

Don’t know

1. In what situations we need to implement serialization in Java and how to?

When you want to store an object. I think it’s look like NSCoding in Objective-C, doesn’t it?

1. What are the differences between sleep() and wait()?

A wait can be "woken up" by another process calling notify on the monitor which is being waited on whereas a sleep cannot.

1. In what situations will there be memory leaks in Java? Describe one of them you know?

Don’t know. But in Objective-C, when using nested blocks, it often make circular reference.

1. Given following code:  package test; public class Main {  public static void main(String[] args) {  System.out.println(new myclass()); }  }  class myclass { }  What is the output and why?

Don’t know