ru43@kent.ac.uk, as2352@kent.ac.uk, rk410@kent.ac.uk, dd387@kent.ac.uk

Bug report

Description of bug encountered:- Junit test for file writing expects a string array
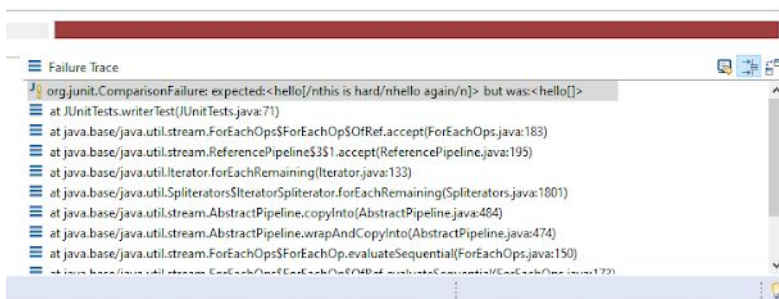
Code responsible for bug (if known):

```
@Test
public void writerTest() throws IOException {
    editor.save(file, testArray);
    assertEquals(sc.nextLine(), testArray[0]);
    assertEquals(sc.nextLine(), testArray[1]);
    assertEquals(sc.nextLine(), testArray[2]);
}
```

Is bug input dependent (yes/no): No

~~If yes, example inputs:~~

Console error output from bug (if any): in screenshot

Failure Trace		
org.junit.ComparisonFailure: expected:<hello[/nthis is hard/nhello again/n]> but was:<hello[]>		
at JUnitTests.writerTest(JUnitTests.java:71)		
at java.base/java.util.stream.ForEachOps$ForEachOp$OfRef.accept(ForEachOps.java:183)		
at java.base/java.util.stream.ReferencePipeline$3$1.accept(ReferencePipeline.java:195)		
at java.base/java.util.Iterator.forEachRemaining(Iterator.java:133)		
at java.base/java.util.Spliterators$IteratorSpliterator.forEachRemaining(Spliterators.java:1801)		
at java.base/java.util.stream.AbstractPipeline.copyInto(AbstractPipeline.java:484)		
at java.base/java.util.stream.AbstractPipeline.wrapAndCopyInto(AbstractPipeline.java:474)		
at java.base/java.util.stream.ForEachOps$ForEachOp.evaluateSequential(ForEachOps.java:150)		
at java.base/java.util.stream.ForEachOps$ForEachOp$OfRef.evaluateSequential(ForEachOps.java:173)		

Comments:

2 things wrong. scanner.nextLine() was used when inputs were on one line (.next() is used instead). Scanner and testArray[] where flipped so "expected" input would be the one produced in the test not the one expected.

Note - has now been solved

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Bug report

Description of bug encountered:- File editor is writing the username as null
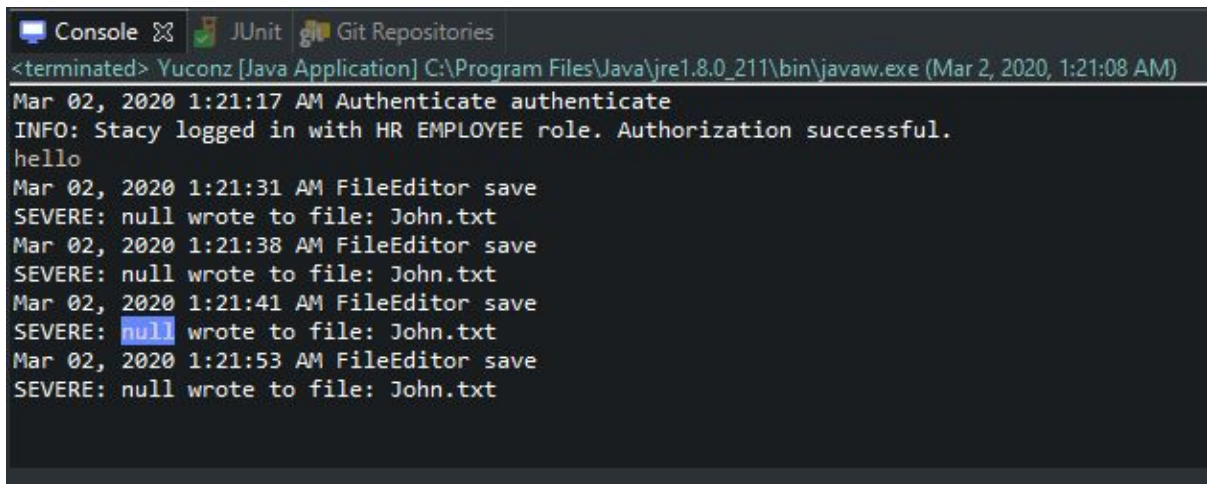
Code responsible for bug (if known):

```
74        int authLevel;
75        String username;
76        File file;
77        FileEditor writer = new FileEditor(username);
78
79
```

Is bug input dependent (yes/no): no

~~**If yes, example inputs:**~~

Console error output from bug (if any): in screenshot

```
Console ⛭   JUnit   Git Repositories
<terminated> Yuconz [Java Application] C:\Program Files\Java\jre1.8.0_211\bin\javaw.exe (Mar 2, 2020, 1:21:08 AM)
Mar 02, 2020 1:21:17 AM Authenticate authenticate
INFO: Stacy logged in with HR EMPLOYEE role. Authorization successful.
hello
Mar 02, 2020 1:21:31 AM FileEditor save
SEVERE: null wrote to file: John.txt
Mar 02, 2020 1:21:38 AM FileEditor save
SEVERE: null wrote to file: John.txt
Mar 02, 2020 1:21:41 AM FileEditor save
SEVERE: null wrote to file: John.txt
Mar 02, 2020 1:21:53 AM FileEditor save
SEVERE: null wrote to file: John.txt
```

Comments:

Username was being sent to the FileEditor() constructor before being set, causing it to log the user who is editing as null.