CS 471
Spring 2018

First Name: _____Ahram_____
Last Name: _____Kim_____

Homework 2 – Implementation of a simple maintenance task in an unfamiliar Open Source Software

Software system and version: muCommander V0.9.2

Change Request:

Add my full name to the middle-top of the initial splash window of the application, and make sure the splash window is visible for at least 5 seconds.

Environment Description:

I used Command line and Eclipse 4.7.2 on Window 10.

Compiling or Running Issues:

```
[ahramkim@onyxnode75 mucommander-master]$ ./gradlew run
Starting a Gradle Daemon (subsequent builds will be faster)

FAILURE: Build failed with an exception.

* Where:
Build file '/home/AhramKim/workspace/CS471/mucommander-master/build.gradle' line: 9

* What went wrong:
An exception occurred applying plugin request [id: 'org.ajoberstar.grgit', version: '1.3.2']
> Failed to apply plugin [id 'org.ajoberstar.grgit']
   > One of setGitDir or setWorkTree must be called.

* Try:
Run with --stacktrace option to get the stack trace. Run with --info or --debug option to get more log output.

BUILD FAILED

Total time: 10.838 secs
[ahramkim@onyxnode75 mucommander-master]$
```

I downloaded the mucommander zip file and tried to do it in my local computer. When I try to compiled and ran it, I got the error 'FAILURE: Build failed with an exception'. So, I typed 'git clone http://github,com/mucommander/mucommander' in my local git bash and I got an another error about the path for java. For this error, I went to the 'edit environment variable' in control panel and made new path for 'JAVA_HOME' with the value 'C:\Program Files\Java\jdk1.8.0_151\'. I solved the problem! It took 40.007 seconds at first and took shorter seconds than the first time to compile and run.

Identifying the Relevant Code Location:

I used Eclipse. I looked through the code 'mucommander.java' and searched the word 'splashscreen' first. Then, I tried to check the role of each code using 'system.out.println("checking");' and found the location which I need to modify for hw2.

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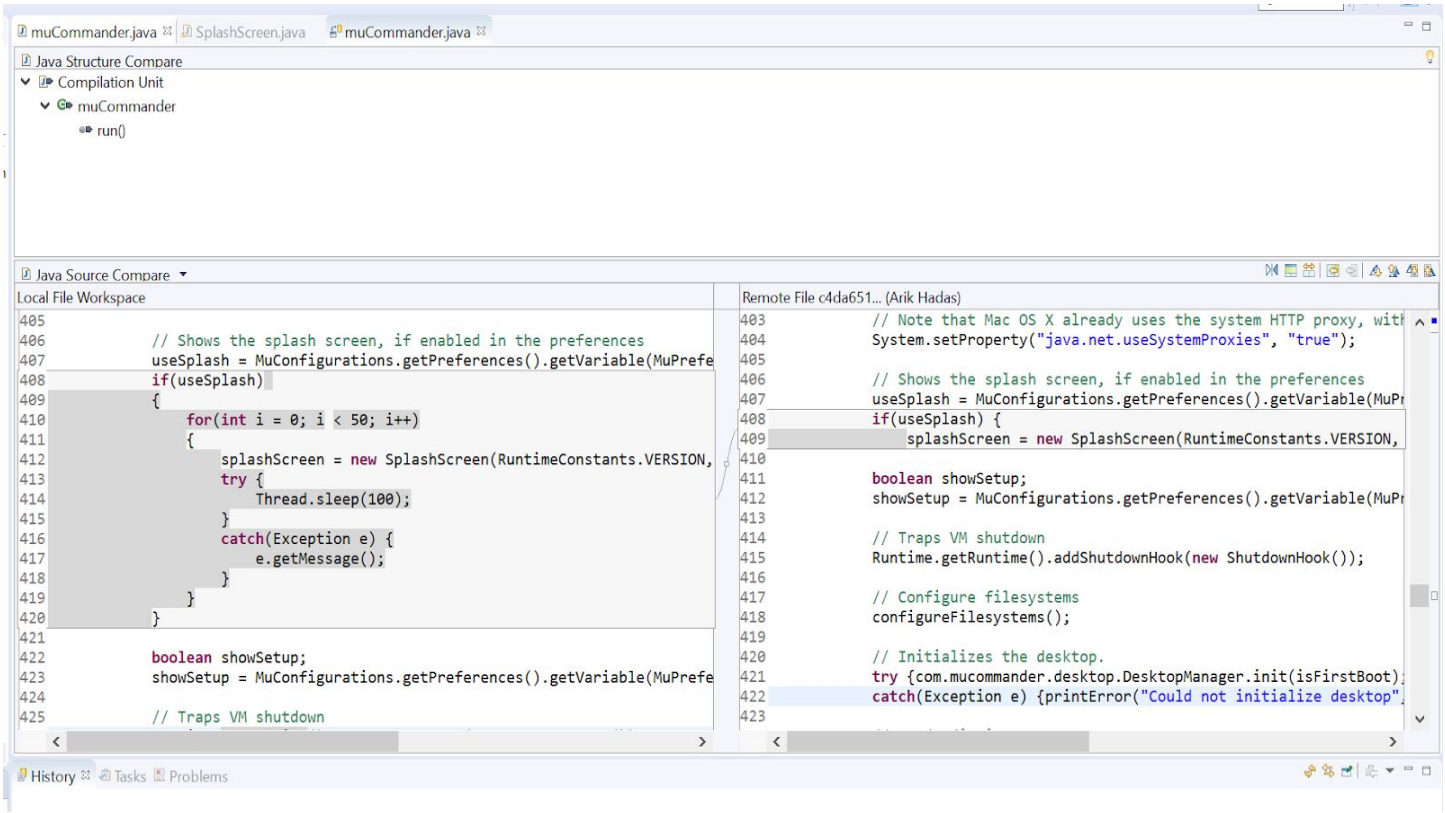
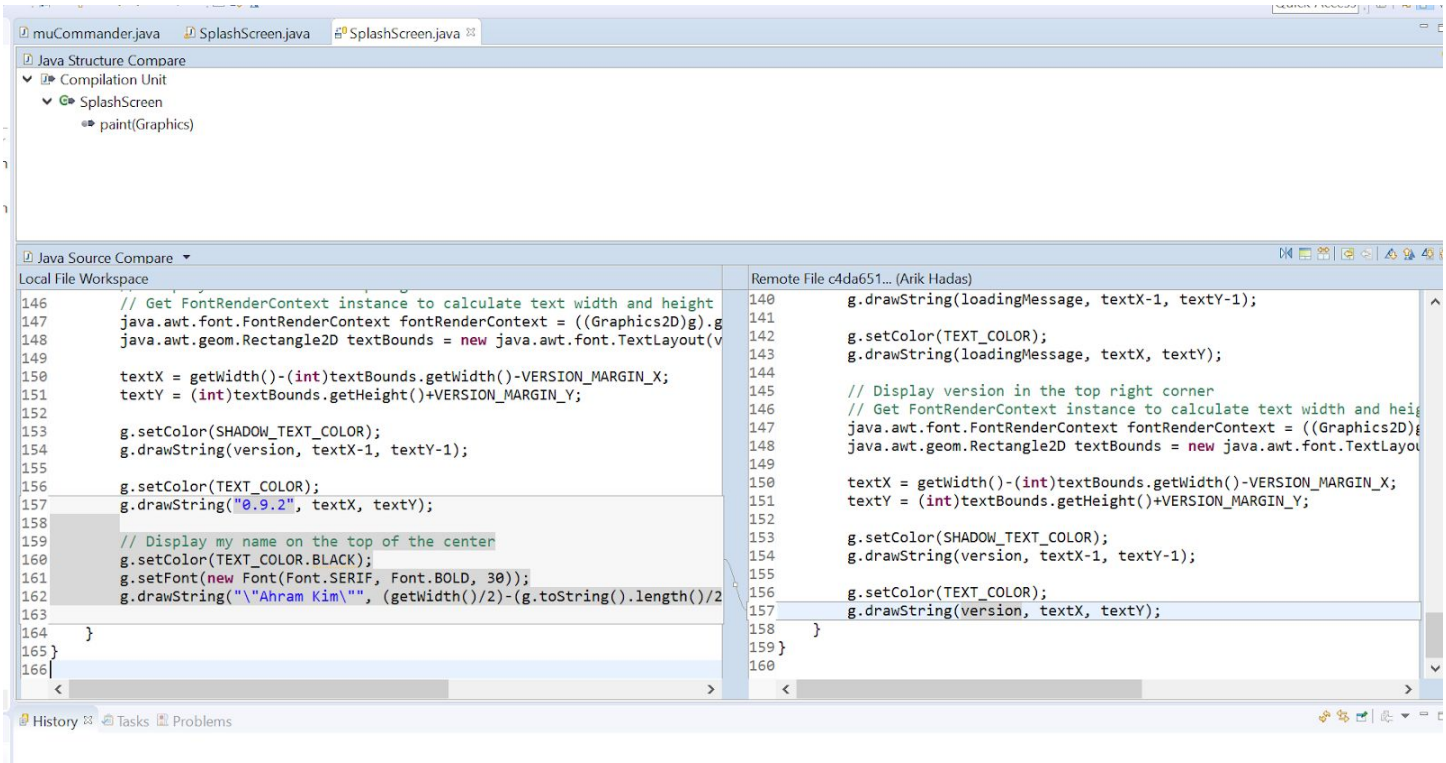
Successful Implementation Video:

https://youtu.be/0MYxfsMVQU8
https://www.youtube.com/watch?v=0MYxfsMVQU8&feature=youtu.be

Highlighted Source Code of the Implementation:





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Time required for completing this assignment:

Activity	Time Required (in minutes)
Compiling and running the software	*40.007 secs*
Implementing the change request	*1 min 0.255 secs*