

Assignment Project Exam Help

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## Assessed Exercise 2: Tester

I have set up a small testing scripts for the second assessed coursework. The tests live on the following machine.

`inf900130.inf.susx.ac.uk`

You log into this machine using a secure shell (ssh) as follows.

`slogin username@inf900130.inf.susx.ac.uk`

Here slogin is an SSH client, you can of course also use any other SSH client; and username is your Sussex login. (On Windows, you can do this using an FTP client such as Filezilla or WinSCP, with the same login credentials used to log in via SSH.) Note that you can only log into `inf900130.inf.susx.ac.uk` from a machine within the university's network. This is due to the university's firewalling policy. If you want to use the machine from without, you need to go via an Sussex intermediate machine that is accessible from the outside.

### Setting up tests for Task1.

1. Go to your home directory (on `inf900130`) by executing `cd ~`
2. If you have a directory named `task1`, remove it: `rm -rf task1`.
3. Copy `/usr/share/all1.tar` into your home directory (on `inf900130`), i.e.  
`cp /usr/share/all1.tar .` (note the terminal period.)
4. Unarchive the file `all1.tar` by executing `tar -xvf all1.tar`. This will create a new directory `task1`.

### Running tests for Task1.

1. Upload your submission for Task 1 into the directory `task1`.
2. Change into the directory `task1`: `cd task1`
3. To check that your code compiles correctly, simply compile: `javac *.java` and to run the full test suite, execute: `./run_tests`. Note that this takes quite a while (up to 45 seconds). You find the tests programs executed in the subdirectory `tests/task1`. The result of the test will be in a file called `results-task1.txt`.

**Tasks 2 and 3.** You proceed just as with Task 1 above, but replace occurrences of the number 1 by 2 and 3, e.g. `tar xf all2.tar`

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**Note.** I have only tried out the test suite against my own example solutions. There may be various glitches when compiled against other solutions. If you encounter problems that you think are not caused by your solution, please let me know.