COMP1562 Logbook (Week 4)

Basic Information

1.1 Student name	**Trevor Kiggundu (001001720)**
1.2 Who did you work with? Name and/or id	**Maruf Hoque (001006731)**
1.3 Which lab topic does this document relate to?	Process Handling
1.4 How well do you feel you have done?	I have completed the exercise to the best of my ability and I feel like I could've done better if given more time.
1.5 Briefly explain your answer to question 1.4	My group and I were able to successfully follow and complete most of the tasks. Proof of that is shown below.

Annotated screenshots demonstrating what you have achieved:

<mark>**TASK 4.1:**</mark>

Figure 1 showing screenshot showing the code used to complete task 4.1:
find . -xtype l -delete

The task was to delete broken symbolic linked (symlinked) files that were linked to previously linked deleted files. The commands we used were the "rm" command to remove the files, and ls to list the files.

We created 2 files, named 'kam.txt' and 'kam2.txt', and put them in the first directory named 'test1'. We then used the 'ls' command to list the files in the first directory to make sure they were there.

We then used the 'rm' command to get rid of the 'kam .txt' file and used 'ls' to list the files in the given directory again. Once listed, it can be seen that the 'kam.txt' file is no longer in the directory.

```
student:~> chmod 755 type1
student:~> ./type1 test1
student:~> cd test1
student:~/test1> ls
kam  kam2.txt  kam.txt  link1  link2
student:~/test1> rm kam.txt
student:~/test1> cd ~
student:~> ./type1 test1
student:~> cd test1
student:~/test1> ls
kam  kam2.txt  link2
student:~/test1>
```

Personal Reflection:

This weeks' task was a tricky one. Battled with the completion of the week 3 task after the extension, and the already released week 5 task, we found it really difficult to choose what to focus on. The lecture slides really helped with the completion of task 4.1, which like last week, was hard for us to implement in both scriptcheck and putty at the same time. However, after rethinking it with my team member, we were able to make it work. Much of our problem came from us choosing to do this task separately in effort to learn the material that would possibly show up in the future exam given to us in May. Next time, we will work together throughout the whole task to ensure it is completely finished like the previous weeks. Nevertheless, I still learned a lot about shell scripting and process handling, especially creating symbolic linked files. I am glad to have furthered my understanding of Operating Systems, and I look forward to fully completing the next task.