

**Conestoga College - NTKW8141 - Section 3**  
**Practical Assignment 1 - Clarifications and Corrections**  
**Instructor: Jason Paul**

Practical Assignment 1 is split into two portions: a hand-in assignment, and a live demo. If you check the [Instructional Plan](#), you'll see the breakdown in weight for these:

#### Evaluation Summary

Select each item below to reveal additional details.

<input checked="" type="checkbox"/> In-class tasks Weeks 1-6 (5%)
<input checked="" type="checkbox"/> Mid-Term Test (25%)
<input checked="" type="checkbox"/> PA 1 (20%)
<input checked="" type="checkbox"/> Practical Assignment 1 Hand In (2.00%)
<input checked="" type="checkbox"/> PA 1 Skills Demo (18.00%)



The hand-in is worth only 2% of your final grade, and the live skills demo is worth 18%. Please keep this in mind as you allocate your time to preparing.

#### **Practical Assignment 1 Hand In (2%)**

**Due Date: June 12, 2024 @ 12:00PM.**

#### **Highlights**

- Because of the issues with the course shell and delay getting all of the files to you, I requested an extension on this assignment for you. Kurt Schreiter has agreed to extend the submissions to **June 12, 2024 @ 12:00PM.**
- Refer to the NTKW8140 Practical Assignment 1.pdf file attached to the assignment for detailed instructions. This document will have additional clarification and corrections.
- You will need to record yourself while performing the tasks. You must record your entire screen, as well as your face. These must also be present in all screenshots, so we can ensure you are the one doing the work.
- The goal with the recording is for auditing to show you are the one doing the work. If you need to take breaks, that's fine. You can split the tasks into up to 4 recording files, and take breaks in between.
- If you complete multiple steps of the assignment in one screenshot, ensure you highlight the step, and/or mark with arrows, and call out which step is which command. **All screenshots must be documented with question numbers and an explanation.**
- You must complete the assignment with the textbook, command line help, and course material, but you **cannot use other resources such as personal notes, Google search, ChatGPT, etc.**

- To complete the assignment, You will need a GUI version of Linux, and a CLI version of Linux. You can use the GUI version to download and upload the assignment files, and perform the network transfers.
- I would recommend setting up full installs, updating and installing necessary files, and then doing a snapshot of the virtual machine so you can revert back if needed.

### **Submission:**

- Please ensure your hand-in submission document includes a title page with your name, student number, and details on the assignment.
- In your hand-in submission document, please copy each task, and put your notes and screenshots below it. Ensure you label each task in the screenshot with highlighting/circling and arrows.
- The PA1 assignment PDF mentions “O3 - Student Submissions Naming Convention - ver1.0.PDF.” for naming your files. Please use the following conventions instead:
  - Hand-In Document: <CondorID>\_<StudentNumber>\_NTWK8141-3\_PA1.pdf.  
For example: jmpaul\_123456\_NTWK8141-3\_PA1.pdf
  - Modified Tarball: <CondorID>\_<StudentNumber>\_NTWK8141-3\_PA1.tar  
For example: jmpaul\_123456\_NTWK8141-3\_PA1.tar
  - Ensure your Zoom Recording file(s) also use the above convention.

### **NTWK8140 Practical Assignment 1.pdf - Corrections:**

1. Page 5: Task 71 - The task file inside the extracted tarball is called **PA1\_Practice\_Questions**, not **PA1\_tasks.txt**.
2. PA1\_Practice\_Questions Task #5: When referring to Q2 in “output the number of files in the Q2 folder”, use the “section1 -> practical-1 -> assignments” folder.

**Practical Assignment 1 Skill Demo (18%)**  
**Performed Week 6 at Start Of Class**

For the live skill demo, you will be given access to a tar file to download to your VM. Extract the file, and follow the steps in the instruction text file. Once complete, create a new archive with your modified files, and upload it, along with your Zoom recording to eConestoga.

The goal here is to demonstrate that you have practiced and understand the concepts in the first 5 weeks of class.

**Clarifications:**

- Have a fresh Linux Mint GUI VM installed and updated, on **both** vSphere and VirtualBox. We will use vSphere, however if there is a technical issue, we can revert to using VirtualBox.
- The demo will be done in the first 45 minutes of class, and we will take 15 minutes for a break afterwards. If you finish early and submit your files and recording, put your hand up. After confirming with the professor, you can leave the classroom until we start the next section.
- The entire demo must be recorded with Zoom using the “Record to Cloud” option. Your full screen must be shared, and your face and torso visible. **After** you start recording, you can log into vSphere and start the assignment.
- You can use the browser to access eConestoga to download the assignment file, and upload your submission and recordings, but nothing else. No searching or other resources are allowed.
- You will only be allowed to use terminal help. No textbook, no notes or other resources.
- During the demo, cell phones must be placed face down on the table in front of your laptop, and cannot be used.
- Ensure the submitted tar file uses the following naming convention:
  - <CondorID>\_<StudentNumber>\_NTWK8141-3\_PA1-Demo.tar