

## **Lab 1 – Intro to CLIs**

This lab aims to get you familiar with the Linux command line and practice working with files, folders and system information commands. **[10 Points]**

1. Open a terminal and navigate in your home directory. Create a file named *systemInfo*. Add the line “Time and Date” at the top of the file, and then use a command to print the day and the time on the second line in the file. **[1 Point]**
2. Leave a blank line, add the line “CPU Info” and then on the line below using a command add the first 10 lines of the CPU information of the system into the file. **[2 Points]**
3. Leave a blank line, add the line “MEM Info” and then on the line below using a command add the first 2 lines of the memory information of the system into the file. **[2 Points]**
4. Leave a blank line, add the line “Storage Info” and then on the line below using a command add the storage information of the system into the file. **[1 Point]**
5. Create a directory *SysInfo* and make a copy of the *systemInfo* file into that directory. **[1 Point]**
6. Navigate in the *SysInfo* directory and in *systemInfo* file, leave a blank line and add the line “Home Directory Contents Before”, and below add the contents of your home directory into the file, showing all the details regarding their mode, the owner, etc, not just their names. Take a screenshot of your terminal and save it as *screen1*. **[1 Point]**
7. Delete the original *systemInfo* file from your home directory. **[1 Point]**
8. In *systemInfo* file, leave a blank line and add the line “Home Directory Contents After”, and below add the contents of your home directory into the file, showing all the details regarding their mode, the owner, etc, not just their names. Take a screenshot of your terminal and save it as *screen2*. **[1 Point]**
9. Submit the original *systemInfo* file on canvas, and show to the instructor your work.