	United International University (UIU)
	Department of CSE
	Trimester: Spring 2023
	Course: CSE 4510 | Operating Systems Laboratory

Submission Guideline:

● Write the bash commands in a **text file**.

● Rename the text file with your 9-digit student ID.

● Submit the text file.

● **X = last 3 digits of your roll number**

Do not copy codes from others/the internet. Each of the offline assignments will be evaluated with a viva. You must be able to explain your code. Also, we will run a copy checker on the submissions. Any plagiarism will be severely penalized.

Total Marks: 25.0

Tasks:

0. [0.0 pts] You will be given few text files (File1.txt,File2.txt,…etc). Download all.

1. [1.0 pts] Open up a terminal and navigate to /tmp directory

2. [1.0 pts] Create a new directory with the name CSE4510_A_**X**

3. [1.0 pts] Copy the text files given in step 0 from your Downloads folder using proper command into the newly created directory, and rename the files as New_File1.txt, New_File2.txt, New_File3.txt

4. [1.0 pts] Create a new empty text file with the name File4.txt

5. [2.0 pts] Write the contents of New_File1.txt and New_File2.txt into File4.txt (Hint: Use append to file)

6. [2.0 pts] Sort the lines of New_File3.txt and File4.txt and write the output into a new file named File_**X**.txt

7. [1.0 pts] Print the number of words and number of lines in File_X.txt

8. [2.0 pts] Print the contents of line number 2 to 9 from File_X.txt

9. [2.0 pts] Create a new user with 'your_student_id' and update the password for this user

10. [2.0 pts] Subtract read, write permission of File_X.txt for 'your_student_id' user.

11. [1.0 pts] Change the user to 'your_student_id'

12. [1.0 pts] Try to write on File_X.txt

13. [1.0 pts] Change user to back to the root

14. [2.0 pts] Find All the dates from all the files.

15. [3.0 pts] Find All the dates that do NOT have September (or, Sep.) as month.

16. [2.0 pts] Change directory back to /tmp and delete the CSE4510_A_**X** directory with all its contents.