**Q10**. Create a script to check whether file Student\_info.txt in the directory “OSLAB/Script/” and append semester performance into file. Display the content of file. Also remove the file from directory with user confirmation.

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#!/bin/bash

FILE=./OSLAB/Script/Student\_info.txt

if [ -f "$FILE" ]; then

echo "Semester Information new" >> $FILE

cat $FILE

read -p "Are you sure? " -n 1 -r

echo # (optional) move to a new line

if [[ $REPLY =~ ^[Yy]$ ]]

then

rm $FILE

fi

fi

#File existence code in https://linuxize.com/post/bash-check-if-file-exists/ 2nd one is used here

#Appending text https://www.cyberciti.biz/faq/linux-append-text-to-end-of-file/

#Prompting a user for Confirmation https://stackoverflow.com/questions/1885525/how-do-i-prompt-a-user-for-confirmation-in-bash-script

#Deleting a file rm, We know already

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**Q11.** Create a script to compare contents of two file given as user input at

command line argument.

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#!/bin/bash

read -p "Enter filename 1: " file1

read -p "Enter filename 2: " file2

diff $file1 $file2

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**Q12.** Create a file File2.txt. Change the permission to read only. Hide

the file from directory.

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#!/bin/bash

touch File2.txt

chmod -wx File2.txt

mv File2.txt .File2.txt

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**Q4.**  Find the lines of text which containing “Pattern 1” and “Pattern 2” in

file.txt.

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#!/bin/bash

grep "Pattern 1" file.txt

grep "Pattern 2" file.txt

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