LAB #03

SHELL Programming (Part II)



Spring 2023

**CSE-204L Operating Systems Lab**

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Section: C

“On my honor, as a student of the University of Engineering and Technology, I have neither given nor received unauthorized assistance on this academic work”

Submitted to:

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(13 Mar 2023)

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1. Run all the programs given in the Lab Notes, and observe the output for each program.

**SS1**

Graphical user interface, text, application

Description automatically generated

Text

Description automatically generated

**SS2**

Graphical user interface, text

Description automatically generated

Text

Description automatically generated

**SS3**

Graphical user interface, text

Description automatically generated

Text

Description automatically generated

**SS4**

Graphical user interface, text, application

Description automatically generated

Text

Description automatically generated

**SS5**

Graphical user interface, text

Description automatically generated

Text

Description automatically generated

**SS6**

Graphical user interface, text

Description automatically generated

A screenshot of a computer

Description automatically generated

**SS7**

Graphical user interface, text, application

Description automatically generated

Text

Description automatically generated

**SS8**

Graphical user interface, text

Description automatically generated

A screenshot of a computer

Description automatically generated

**SS9**

Graphical user interface, text, application

Description automatically generated

Text

Description automatically generated

**SS10**

Graphical user interface, text, application

Description automatically generated

Text

Description automatically generated

**SS11**

Graphical user interface, text, application

Description automatically generated

Text

Description automatically generated

2. Write a shell script that takes a keyword as a command line argument and lists the filenames containing the keyword

**Code:**

Graphical user interface, text, application

Description automatically generated

**Output:**

Text

Description automatically generated

3. Write a shell script that takes a command line argument and reports whether it is a directory, or a file or a link.

**Code:**

Graphical user interface, text, application

Description automatically generated

**Output:**

Text

Description automatically generated

4. Write a script to find the number of sub directories in a given directory.

**Code:**

Graphical user interface, text, application

Description automatically generated

**Output:**

Text

Description automatically generated

5. Write a menu driven program that has the following options.

5.1. Search a given file is in the directory or not.

5.2. Display the names of the users logged in.

**Code:**

Graphical user interface, text, application

Description automatically generated

**Output:**

Text

Description automatically generated