**USP LAB**

**WEEK – 1**

**Agenda: Unix Basics**

**Questions**

1. Obtain the following results

(i) To print the name of operating system

(ii) To print the username

**2.** Find out the users who are currently logged in and find the particular user too.

**3.** Display the calendar for

(i) Jan 2000

(ii) Feb 1999

(iii) 9th month of the year 7 A.D

(iv) For the current month

(v) Current Date Day Abbreviation , Month Abbreviation along with year

**4.** Display the time in 12-Hour and 24 Hour Notations.

**5.** Display the Current Date and Current Time.

**6.** Display the message “GOOD MORNING” in enlarged characters.

**7.** Display the name of your home directory.

**8.** Create a directory SAMPLE under your home directory.

**9.** Create a sub-directory by name TRIAL under SAMPLE.

**10.** Change to SAMPLE.

**11.** Change to your home directory.

**12.** Change from home directory to TRIAL by using absolute and relative pathname.

**13.** Remove directory TRIAL.

**14.** Create a directory TEST using absolute pathname.

**15.** Using a single command change from current directory to home directory.

**16.** Remove a directory using absolute pathname.

**17.** Create files myfile and yourfile with some contents under Present Working Directory.

**18.** Display the files myfile and yourfile.

**19.** Append more lines in the myfile and yourfile files.

**20.** How will you create a hidden file?

**21.** Copy myfile file to emp.

**22.** Write the command to create alias name for a file.

**23**. Move yourfile file to dept.

**24.** Copy emp file and dept file to TRIAL directory

**25.** if you compare a file with itself.

**26.** Compare myfile file and emp file.

**27.** Append two more lines in emp file existing in TRIAL directory.

**28.** Compare employee file with emp file in TRIAL directory.

**29.** Find the difference between the above file.

**30.** Remove all the files in the TRIAL directory.

**31.** Can you remove a directory with files by using a single command.

**32.** Rename TRIAL as DATA.

**33.** Copy DATA to another directory by name TRIAL.

**Answers**

1. (i) uname

(ii) uname -n or hostname

2. who

who am I

3. (i) cal jan 2000

(ii)cal feb 1999

(iii)cal sep 7

(iv)cal

(v) date ‘+%d/%m/%y’

4. date ‘+24Hour:%T 12Hour:W%1:%M;%S’

5. date’+currentdate: %D %n TIME: %t’

6. banner –w “good Morning”

7. pwd

8. mkdir sample

9. cd sample

mkdir Trial

10. cd sample

11. cd

12. cd $home/Trial

13. cd

cd sample

rmdir Trial

14. mkdir./ sample/Trial

15. cd/sample/Trial

16. rmdir ./sample/Trial

17. cat>myfile

This is myfile

^d

cat >yourfile

This is yourfile

^d

18. cat myfile

cat yourfile

19. cat >> myfile

Add

^d

cat>>yourfile

Append

^d

20. cat>hide

hidden

^d

21. copy myfile emp

22. ln yourfile aliasname

23. mv yourfile aliasname

24. cp emp dept../ Trial

25. if there is no difference no output

26. cmp myfile emp

27. cd/sample/Trial

cat>>emp

28. cmp employee emp

29. diff employee emp

30. rm \*

31. rm –r Trial

32. rename Trial Data

33. cp Data/same/Trial