Linux Assignment

Problem Statement -2:

1. Search for a pattern (sample) in all the files/subdirectories from current directory.

Ans:- $grep “word” sample -r

1. Count the no. of directories / sub directories in current directory.

Ans:- $ls -d ./\* | wc

1. Display day of week for a given date. (ddmmyyyy).

Ans:- $date -d ‘6 july 2000’

1. Display contents of all .lst files in the current directory.

Ans:- $cat \*.lst

5. For a student file with the following fields, Roll-no, name, marks.

Generate 2 files

a) 'Pass' and

b) Fail

containing records of student who have passed or failed. Also count the number of students who have passed or failed.

Ans:-

declare -a marks

pass=0

fail=0

marks[$1]=$3

touch Pass.txt

touch Fail.txt

for var in marks

do

if(marks[var]>=35)

then

pass+=1

echo var marks[var] >>Pass.txt

else

fail+=1

echo var arks[var]>>Fail.txt

fi

echo ”passed students $pass”

echo “failed students $fail”

1. Accept a date string from terminal and display the employees born after the input date.

Ans:- ACCEPT input VARCHAR(50)PRINT ”Please give date”

SELECT \* FROM TABLE WHERE CAST(input as date)>Date

1. Find the number of employees belonging to a particular department specified by user.

Ans:- Select COUNT(emp\_id) from Employee where dept=”software”;

1. Find the count of people in each dept. of the employee file.

Ans:- Select COUNT(emp\_id),dept FROM Employee GROUP BY dept;

1. Generate a list of S.E. who earn more than the amount specified by the user.

Ans:- Select \* FROM Employee where salary>50000;

1. View the employee records in order of designations.

Ans:- Select \* FROM Employee ORDER BY designations;

1. List employee details of all employees who earn more than the average salary of all employees.

Ans:- Select \* FROM Employee where salary >AVG(salary);

Problem Statement -5:

<URL:-> https://github.com/hriti24k/summative