EXAMINATION QUESTION PAPER

PG-DHPCAP September 2022

EXAM Type : Main ~~/ Re-Exam~~ **Module Name :** LINUX PERL & PHP – LINUX **SET:** B

DATE: 21-10-22 **Duration:** 2 hours **Max. Marks:** 40 Marks

Name : _____

PRN : _____

Instructions:

a.

b.

c.

Q1. Consider the sample of *player.txt* below, Give one/sequence of commands for the following **[Marks: 20]**

```
Employee Name,Employee ID,Department,Salary,Joining Date(dd.mm.yyyy)
LarryWall, lw827560, Ilearn, 32000, 22.11.2011
VijiThankappan, vt827571, V&V, 45000, 3.4.2000
PoojaThakare, pt827578, Ilearn, 60000, 6.12.2008
TejashreeGhanashyamKhandelwal, tg827592, finance, 38760, 19.2.2014
PanchamiPradeep, pp827617, HR, 32145, 1.1.2014
ParthMilindRepe, pm827629, finance, 65781, 25.8.2014
```

a. Copy employee.dat file from /home/files into your home directory.
b. Display last record from file employee.dat.
c. Display the employee details from HR department.
d. Store Ilearn department employee in file trainer.dat file.
e. Sort employee details as per their joining day.
f. Display total number of employee who has joined in year 2014.
g. Display only employee name whose second character of name is **a** or **o**.
h. Display employees who are getting salary greater than 50000.
i. Display Total number of employees from employee.dat file.

Q2. Write a (till user press exit, menu should continue) menu driven shell script with following menu.

[20 Marks]

```
TrainID:TrainType:CompType:Source:Dest:Su:Mo:Tu:We:Th:Fr:Sa:Dist:Cost
1002:SUPFST:SL:BGLR:BOM:Y:Y:N:Y:Y:N:N:551:300
1002:SUPFST:3A:BGLR:BOM:Y:Y:N:Y:Y:N:N:551:600
1002:SUPFST:2A:BGLR:BOM:Y:Y:N:Y:Y:N:N:551:800
1001:PSSNGR:GEN:BGLR:CHEN:Y:N:N:Y:Y:N:N:291:100
1001:PSSNGR:SL:BGLR:CHEN:Y:N:N:Y:Y:N:N:291:150
1001:PSSNGR:3A:BGLR:CHEN:Y:N:N:Y:Y:N:N:291:300
1003:EXPRSS:GEN:MAS:PUNE:N:N:N:Y:Y:N:N:782:200
1003:EXPRSS:SL:MAS:PUNE:N:N:N:Y:Y:N:N:782:700
1003:EXPRSS:1A:MAS:PUNE:N:N:N:Y:Y:N:N:782:3000
```

Create above TrainDB.txt using vi editor as shown above add 5 rows .

Write a shell script that works on TrainDB.txt,
accepts input as *source* and *destination*.
And display a following menu

a. Number of trains running on each day of the week
b. Average cost of each compartment type
c. Highest and Lowest cost for each compartment type
d. Copy trained, train type, source and destination of all trains in file mydaya.txt
e. **Delete train:** Accepts the train id, delete train details from file, display message

Exit: Should successfully come out of program

********** ALL THE BEST! **********