VIM EDITOR EXERCISES

- ✓ create file name firstfile.txt using **vim** editor
- ✓ there is 3 mode on vim editor (**command insert ,extended**) explain each of them
- ✓ read the file firstfile.txt using **cat command**
- ✓ open the file firstfile.txt make some changes then quit without save those changes
- ✓ open the file README.md is located inside **SESSION-01-DEVELOPMENT.**
- ✓ open README.md with **vim editor** using the absolute path
- ✓ set line number for the README.md
- ✓ use a shortcut going from the first line to the second line of the README.md
- ✓ copy line number 16 of the README.md file paste above and below line 23
- ✓ delete line 14
- ✓ delete from line 20 to 24 with just **one command**
- ✓ search for the word serverless in the README.md without **scrolling up and down**

FILTERING IN LINUX EXERCISES

- ✓ jenkinsfile is situated inside SESSION-01-DEVELOPMENT search for the word channel inside the jenkinsfile using **grep cmd** use the absolute path
- ✓ cd to SESSION-01-DEVELOPMENT then search the word channel inside the current directory
- ✓ **'' module-store= direct ''** is a setting located inside the etc directory use grep command to fine where in which file is located then change it to [**module-store=indirect**] then quit without save
- ✓ You want to reverse search (look everyword inside the jenkinsfile except channel
- ✓ use **less cmd** to read the jenkinsfile, then find anywhere you have stage inside the jenkinsfile finally quit
- ✓ use **more cmd** to read the jenkinsfile then quit
- ✓ Read the 1st 10 line of the README.md (README.md is located inside SESSION-01-DEVELOPMENT
- ✓ Read the 1st 20 line of the README.md
- ✓ read the last 10 file
- ✓ read the lats 20file

FILTERING IN LINUX EXERCISES

✓ explain the content of log and passwd files (passwd is located inside etc directory)
✓ **the file passwd have many column or field seprated with colon's use cut or awk command** to display just the first field. Display the 2nd .3rd field
✓ create a file call sample.txt with this 3 sentences
  - i love devops ,also devops is easy to learn
  - devops will makes me rich
  - You need to be good in linux if you want devops to make you rich
✓ replace devops with terraform
✓ undo what you just did
✓ replace devops with nothing
✓ Replace devops with terraform using **sed command**
✓

REDIRECTION IN LINUX EXERCISES

- ✓ create a directory name redirection
- ✓ what is the purpose of **uptime command**
- ✓ give the **uptime command** and redirect the output to the redirection/sysinfo.txt directory (sysinfo is a file inside the redirection directory)
- ✓ **cat** to verify the contain of sysinfo.txt
- ✓ what the purpose of **free -m command**
- ✓ redirect **free -m** to redirection/sysinfo.txt without overriding the contain of sysinfo.txt
- ✓ explain swap ,buffer, caches, availaible and free memory
- ✓ what the purpose of **df -h command**?
- ✓ what the purpose of **echo command**?
- ✓ **print** good morning

REDIRECTION IN LINUX EXERCISES

✓ Redirect output to redirection/sysinfo.txt the way we have this output while giving the **command cat** redirection/sysinfo

- **Date output**
- **Uptime output**
- **Free –m output**
- **Df –h output**

✓ explain the **dev/null**

✓ erase the contain of redirection/sysinfo.txt using **dev/null**

✓ **free -m** is standart error ,redirect this **standart error** to redirection/error.txt

✓ Count how many file is in the /etc/passwd using **wc command**

✓ Count how many file is in the /etc/passwd using **wc and pipe**

✓ give this command and explain the output

- ls | grep host
- free -m | grep m
- ls -l tail

✓ Find all file in etc which start with host using **find command**

✓ Find all file in etc which start with host using **locate command**

DEVOPS EASY LEARNING