

BDT-Lab1 (Sujiv Shrestha 610145)

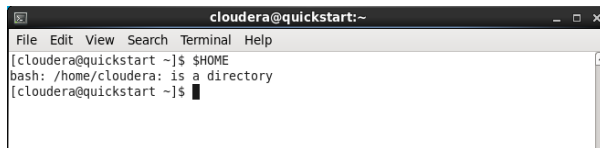
(1) Did you setup Cloudera development environment on your machine?

=> Yes I did.

(2) What is the meaning of \$HOME in your VM environment?

=> \$Home is one of the environment variable in Linux that contains a path to the home directory.

In my VMware it contains a path to the directory “/home/cloudera”.



```
cloudera@quickstart:~  
File Edit View Search Terminal Help  
[cloudera@quickstart ~]$ echo $HOME  
bash: /home/cloudera: is a directory  
[cloudera@quickstart ~]$
```

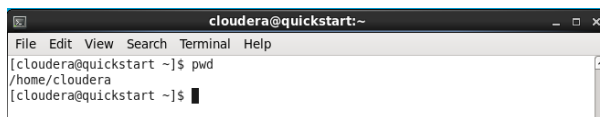
(3) What is the meaning of SUDO in Unix/Linux environment?

=> The meaning of SUDO is “Super User DO” which is used while running certain commands that require superuser (root) privilege. It is similar to “Run as administrator” in windows.

(4) Write and briefly explain any 5 Unix/Linux commands.

=> Five frequently used Linux commands are listed below:

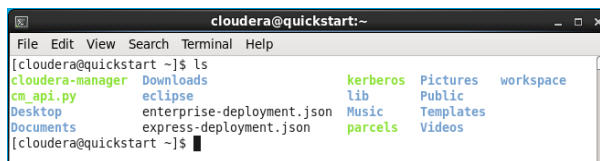
i. pwd – Print Working Directory



```
cloudera@quickstart:~  
File Edit View Search Terminal Help  
[cloudera@quickstart ~]$ pwd  
/home/cloudera  
[cloudera@quickstart ~]$
```

This command prints the full path location of the directory where the user is currently working.

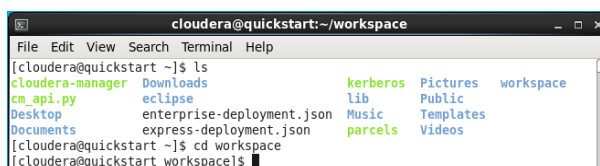
ii. ls – list files



```
cloudera@quickstart:~  
File Edit View Search Terminal Help  
[cloudera@quickstart ~]$ ls  
cloudera-manager Downloads kerberos Pictures workspace  
cm_api.py eclipse lib Public  
Desktop enterprise-deployment.json Music Templates  
Documents express-deployment.json parcels Videos  
[cloudera@quickstart ~]$
```

This command lists all the files and folders present in the current working directory of the user.

iii. cd – change directory

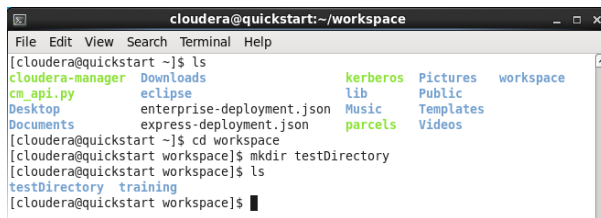


```
cloudera@quickstart:~/workspace  
File Edit View Search Terminal Help  
[cloudera@quickstart ~]$ ls  
cloudera-manager Downloads kerberos Pictures workspace  
cm_api.py eclipse lib Public  
Desktop enterprise-deployment.json Music Templates  
Documents express-deployment.json parcels Videos  
[cloudera@quickstart ~]$ cd workspace  
[cloudera@quickstart workspace]$
```

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This command is used to change the working directory from one to another.

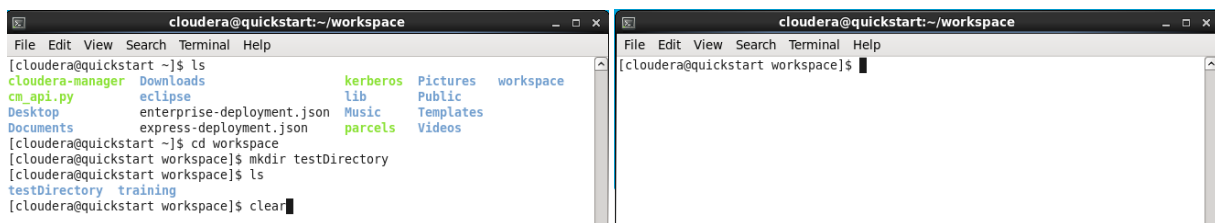
iv. mkdir – make directory



```
cloudera@quickstart:~/workspace
File Edit View Search Terminal Help
[cloudera@quickstart ~]$ ls
cloudera-manager Downloads kerberos Pictures workspace
cm_api.py eclipse lib Public
Desktop enterprise-deployment.json Music Templates
Documents express-deployment.json parcels Videos
[cloudera@quickstart ~]$ cd workspace
[cloudera@quickstart workspace]$ mkdir testDirectory
[cloudera@quickstart workspace]$ ls
testDirectory training
[cloudera@quickstart workspace]$
```

This command is used to create a new directory.

v. clear – clear terminal screen



```
cloudera@quickstart:~/workspace
File Edit View Search Terminal Help
[cloudera@quickstart ~]$ ls
cloudera-manager Downloads kerberos Pictures workspace
cm_api.py eclipse lib Public
Desktop enterprise-deployment.json Music Templates
Documents express-deployment.json parcels Videos
[cloudera@quickstart ~]$ cd workspace
[cloudera@quickstart workspace]$ mkdir testDirectory
[cloudera@quickstart workspace]$ ls
testDirectory training
[cloudera@quickstart workspace]$ clear

cloudera@quickstart workspace$
```

This command is used to clear the terminal screen.