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| --- |
|  |
| Question-1. |
|  | ------------------ |
|  | 1. - use a command to show the current working directory |
|  | - list the directory contents in the short and long format |
|  | (with file permissions,owner,size etc,.). |
|  | Explore attributes given in long format e.g. file type, file permissions, file |
|  | size, file owner etc. |
|  | - list all files along with hidden files in current working directory. |
|  | - list only hidden files in the directory |
|  | (Hint : use pwd, ls, echo commands) |
|  |  |
|  | cdac\_kh@LAPTOP-PLN1GIES:~/assign1$ pwd |
|  | /home/anura/assign1 |
|  | cdac\_kh@LAPTOP-PLN1GIES:~/assign1$ ls |
|  | cdac\_kh@LAPTOP-PLN1GIES:~/assign1$ cd / |
|  | cdac\_kh@LAPTOP-PLN1GIES:/$ ls |
|  | bin etc lib lost+found proc snap sys |
|  | boot f1 lib32 media root srv tmp |
|  | cdrom file.txt lib64 mnt run sudo.txt usr |
|  | dev home libx32 opt sbin swapfile var |
|  | cdac\_kh@LAPTOP-PLN1GIES:/$ ls -l |
|  | total 459344 |
|  | lrwxrwxrwx 1 root root 7 Mar 9 19:31 bin -> usr/bin |
|  | drwxr-xr-x 4 root root 4096 Mar 9 20:14 boot |
|  | drwxrwxr-x 2 root root 4096 Mar 9 19:40 cdrom |
|  | drwxr-xr-x 20 root root 4080 Mar 10 08:28 dev |
|  | drwxr-xr-x 131 root root 12288 Mar 10 11:00 etc |
|  | -rw-r--r-- 1 root root 0 Mar 9 21:19 f1 |
|  | -rw-r--r-- 1 root root 0 Mar 10 10:52 file.txt |
|  | drwxr-xr-x 5 root root 4096 Mar 9 22:09 home |
|  | lrwxrwxrwx 1 root root 7 Mar 9 19:31 lib -> usr/lib |
|  | lrwxrwxrwx 1 root root 9 Mar 9 19:31 lib32 -> usr/lib32 |
|  | lrwxrwxrwx 1 root root 9 Mar 9 19:31 lib64 -> usr/lib64 |
|  | lrwxrwxrwx 1 root root 10 Mar 9 19:31 libx32 -> usr/libx32 |
|  | drwx------ 2 root root 16384 Mar 9 19:30 lost+found |
|  | drwxr-xr-x 3 root root 4096 Mar 9 20:11 media |
|  | drwxr-xr-x 2 root root 4096 Feb 23 14:17 mnt |
|  | drwxr-xr-x 3 root root 4096 Mar 9 20:11 opt |
|  | dr-xr-xr-x 271 root root 0 Mar 10 08:28 proc |
|  | drwx------ 4 root root 4096 Mar 9 20:01 root |
|  | drwxr-xr-x 31 root root 920 Mar 10 14:32 run |
|  | lrwxrwxrwx 1 root root 8 Mar 9 19:31 sbin -> usr/sbin |
|  | drwxr-xr-x 9 root root 4096 Feb 23 14:24 snap |
|  | drwxr-xr-x 2 root root 4096 Feb 23 14:17 srv |
|  | -rw-r--r-- 1 root root 0 Mar 10 11:46 sudo.txt |
|  | -rw------- 1 root root 470287360 Mar 9 19:30 swapfile |
|  | dr-xr-xr-x 13 root root 0 Mar 10 08:28 sys |
|  | drwxrwxrwt 18 root root 4096 Mar 10 17:24 tmp |
|  | drwxr-xr-x 14 root root 4096 Feb 23 14:18 usr |
|  | drwxr-xr-x 14 root root 4096 Feb 23 14:23 var |
|  |  |
|  |  |
|  | cdac\_kh@LAPTOP-PLN1GIES:/$ ls -a |
|  | . cdrom file.txt lib64 mnt run sudo.txt usr |
|  | .. dev home libx32 opt sbin swapfile var |
|  | bin etc lib lost+found proc snap sys |
|  | boot f1 lib32 media root srv tmp |
|  |  |
|  |  |
|  | cdac\_kh@LAPTOP-PLN1GIES:/$ ls -la |
|  | total 459352 |
|  | drwxr-xr-x 20 root root 4096 Mar 10 11:46 . |
|  | drwxr-xr-x 20 root root 4096 Mar 10 11:46 .. |
|  | lrwxrwxrwx 1 root root 7 Mar 9 19:31 bin -> usr/bin |
|  | drwxr-xr-x 4 root root 4096 Mar 9 20:14 boot |
|  | drwxrwxr-x 2 root root 4096 Mar 9 19:40 cdrom |
|  | drwxr-xr-x 20 root root 4080 Mar 10 08:28 dev |
|  | drwxr-xr-x 131 root root 12288 Mar 10 11:00 etc |
|  | -rw-r--r-- 1 root root 0 Mar 9 21:19 f1 |
|  | -rw-r--r-- 1 root root 0 Mar 10 10:52 file.txt |
|  | drwxr-xr-x 5 root root 4096 Mar 9 22:09 home |
|  | lrwxrwxrwx 1 root root 7 Mar 9 19:31 lib -> usr/lib |
|  | lrwxrwxrwx 1 root root 9 Mar 9 19:31 lib32 -> usr/lib32 |
|  | lrwxrwxrwx 1 root root 9 Mar 9 19:31 lib64 -> usr/lib64 |
|  | lrwxrwxrwx 1 root root 10 Mar 9 19:31 libx32 -> usr/libx32 |
|  | drwx------ 2 root root 16384 Mar 9 19:30 lost+found |
|  | drwxr-xr-x 3 root root 4096 Mar 9 20:11 media |
|  | drwxr-xr-x 2 root root 4096 Feb 23 14:17 mnt |
|  | drwxr-xr-x 3 root root 4096 Mar 9 20:11 opt |
|  | dr-xr-xr-x 271 root root 0 Mar 10 08:28 proc |
|  | drwx------ 4 root root 4096 Mar 9 20:01 root |
|  | drwxr-xr-x 31 root root 920 Mar 10 14:32 run |
|  | lrwxrwxrwx 1 root root 8 Mar 9 19:31 sbin -> usr/sbin |
|  | drwxr-xr-x 9 root root 4096 Feb 23 14:24 snap |
|  | drwxr-xr-x 2 root root 4096 Feb 23 14:17 srv |
|  | -rw-r--r-- 1 root root 0 Mar 10 11:46 sudo.txt |
|  | -rw------- 1 root root 470287360 Mar 9 19:30 swapfile |
|  | dr-xr-xr-x 13 root root 0 Mar 10 08:28 sys |
|  | drwxrwxrwt 18 root root 4096 Mar 10 17:24 tmp |
|  | drwxr-xr-x 14 root root 4096 Feb 23 14:18 usr |
|  | drwxr-xr-x 14 root root 4096 Feb 23 14:23 var |
|  |  |
|  | 2. Make a directory and name it as cdac-dir and change the current working |
|  | directory to the new directory.(Hint : use mkdir,cd commands). |
|  | cdac\_kh@LAPTOP-PLN1GIES:/$ history |
|  |  |
|  | 289 pwd |
|  | 290 ls |
|  | 291 cd / |
|  | 292 ls |
|  | 293 ls -l |
|  | 294 ls -a |
|  | 295 ls -la |
|  | 296 history |
|  |  |
|  | cdac\_kh@LAPTOP-PLN1GIES:/$ mkdir cdac-dir |
|  | mkdir: cannot create directory ‘cdac-dir’: Permission denied |
|  | cdac\_kh@LAPTOP-PLN1GIES:/$ sudo mkdir cdac-dir |
|  | [sudo] password for anura: |
|  | cdac\_kh@LAPTOP-PLN1GIES:/$ ls |
|  | bin dev home libx32 opt sbin swapfile var |
|  | boot etc lib lost+found proc snap sys |
|  | cdac-dir f1 lib32 media root srv tmp |
|  | cdrom file.txt lib64 mnt run sudo.txt usr |
|  | cdac\_kh@LAPTOP-PLN1GIES:/$ cd cdac-dir |
|  | cdac\_kh@LAPTOP-PLN1GIES:/cdac-dir$ |
|  | cdac\_kh@LAPTOP-PLN1GIES:/cdac-dir$ cd / |
|  | cdac\_kh@LAPTOP-PLN1GIES:/$ pwd |
|  |  |
|  | 3. Create |
|  | following nested directories inside current directory by invoking single command |
|  | for only one time. |
|  | Note : here root\_dir is current directory. |
|  | Directory structure 1 Directory structure 2 |
|  | (Hint : explore man page of mkdir ). |
|  |  |
|  | cdac\_kh@LAPTOP-PLN1GIES:/$ |
|  | cdac\_kh@LAPTOP-PLN1GIES:/$ mkdir roo |
|  | mkdir: cannot create directory ‘roo’: File exists |
|  | cdac\_kh@LAPTOP-PLN1GIES:/$ cd roo |
|  | cdac\_kh@LAPTOP-PLN1GIES:/roo$ mkdir -p a1/b1 a1/b2 a2/c1 a2/c2 |
|  | mkdir: cannot create directory ‘a1’: Permission denied |
|  | mkdir: cannot create directory ‘a1’: Permission denied |
|  | mkdir: cannot create directory ‘a2’: Permission denied |
|  | mkdir: cannot create directory ‘a2’: Permission denied |
|  | cdac\_kh@LAPTOP-PLN1GIES:/roo$ sudo mkdir -p a1/b1 a1/b2 a2/c1 a2/c2 |
|  | cdac\_kh@LAPTOP-PLN1GIES:/roo$ cd .. |
|  | cdac\_kh@LAPTOP-PLN1GIES:/$ tree roo |
|  | Roo |
|  | +-- a1 |
|  | ¦   +-- b1 |
|  | ¦   +-- b2 |
|  | +-- a2 |
|  | +-- c1 |
|  | +-- c2 |
|  | cdac\_kh@LAPTOP-PLN1GIES:/$ mkdir roo1 |
|  | mkdir: cannot create directory ‘roo1’: Permission denied |
|  | cdac\_kh@LAPTOP-PLN1GIES:/$ cd roo1 |
|  | bash: cd: roo1: No such file or directory |
|  | cdac\_kh@LAPTOP-PLN1GIES:/$ mkdir roo1 |
|  | mkdir: cannot create directory ‘roo1’: Permission denied |
|  | cdac\_kh@LAPTOP-PLN1GIES:/$ sudo mkdir roo1 |
|  | cdac\_kh@LAPTOP-PLN1GIES:/$ cd roo1 |
|  | cdac\_kh@LAPTOP-PLN1GIES:/roo1$ mkdir -p a1/b1/b2 a2/c1/c2 |
|  | mkdir: cannot create directory ‘a1’: Permission denied |
|  | mkdir: cannot create directory ‘a2’: Permission denied |
|  | cdac\_kh@LAPTOP-PLN1GIES:/roo1$ sudo mkdir -p a1/b1/b2 a2/c1/c2 |
|  | cdac\_kh@LAPTOP-PLN1GIES:/roo1$ cd .. |
|  | cdac\_kh@LAPTOP-PLN1GIES:/$ tree roo1 |
|  | roo1 |
|  | +-- a1 |
|  | ¦   +-- b1 |
|  | ¦   +-- b2 |
|  | +-- a2 |
|  | +-- c1 |
|  | +-- c2 |
|  |  |
|  | 4. 4. List the directories(folders), then remove the cdac-dir directory and list cdac\_kh@LAPTOP-PLN1GIES:/$ cd opt |
|  | cdac\_kh@LAPTOP-PLN1GIES:/opt$ mkdir wp fb insta cdac-dir linkdin |
|  | mkdir: cannot create directory ‘wp’: Permission denied |
|  | mkdir: cannot create directory ‘fb’: Permission denied |
|  | mkdir: cannot create directory ‘insta’: Permission denied |
|  | mkdir: cannot create directory ‘cdac-dir’: Permission denied |
|  | mkdir: cannot create directory ‘linkdin’: Permission denied |
|  | cdac\_kh@LAPTOP-PLN1GIES:/opt$ sudo mkdir wp fb insta cdac-dir linkdin |
|  | cdac\_kh@LAPTOP-PLN1GIES:/opt$ ls |
|  | cdac-dir fb insta linkdin VBoxGuestAdditions-6.1.32 wp |
|  | cdac\_kh@LAPTOP-PLN1GIES:/opt$ rmdir cdac-dir |
|  | rmdir: failed to remove 'cdac-dir': Permission denied |
|  | cdac\_kh@LAPTOP-PLN1GIES:/opt$ sudo rmdir cdac-dir |
|  | cdac\_kh@LAPTOP-PLN1GIES:/opt$ ls |
|  | fb insta linkdin VBoxGuestAdditions-6.1.32 wp |
|  | cdac\_kh@LAPTOP-PLN1GIES:/opt$ |
|  |  |
|  | Question-2. |
|  | ------------------- |
|  | 1. Display the man-page for ls, but redirect the output into temp.txt, then use |
|  | the cat, less, and more commands to display the new file |
|  |  |
|  | cdac\_kh@LAPTOP-PLN1GIES:/# |
|  | cdac\_kh@LAPTOP-PLN1GIES:/# man ls > -al > temp.txt |
|  | cdac\_kh@LAPTOP-PLN1GIES:/# cat temp.txt |
|  | LS(1) User Commands LS(1) |
|  |  |
|  |  |
|  | 2. Display the initial 10 lines and final 5 lines of temp.txt with the obvious Linux |
|  | commands.(Hint: use head and tail commands). |
|  |  |
|  | cdac\_kh@LAPTOP-PLN1GIES:/# touch temp.txt |
|  | cdac\_kh@LAPTOP-PLN1GIES:/# cat > temp.txt |
|  | i |
|  | am |
|  | anuradhakolarkar |
|  | iam |
|  | from |
|  | nagpur |
|  | maharashtra |
|  | india |
|  | devyani |
|  | cdac |
|  | dbda |
|  | locality |
|  | hashtag |
|  | wp |
|  | insta |
|  | facebook |
|  | linkedin |
|  | java |
|  | python |
|  | cii |
|  | docs^Z |
|  | [1]+ Stopped cat > temp.txt |
|  | cdac\_kh@LAPTOP-PLN1GIES:/# head -n 10 temp.txt |
|  | i |
|  | am |
|  | anuradhakolarkar |
|  | iam |
|  | from |
|  | nagpur |
|  | maharashtra |
|  | india |
|  | radha |
|  | Shyam |
|  | cdac\_kh@LAPTOP-PLN1GIES:/# tail -n 5 temp.txt |
|  | linkedin |
|  | java |
|  | python |
|  | cii |
|  |  |
|  | 3. Copy temp.txt to another directory and rename it there. |
|  | (Hint: use cp to copy and mv command to rename). |
|  |  |
|  | cdac\_kh@LAPTOP-PLN1GIES:/# cp temp.txt roo |
|  | cdac\_kh@LAPTOP-PLN1GIES:/# ls |
|  | a1 boot file.txt lib32 media precat root sudo.txt tmp |
|  | a2 dev home lib64 mensa proc run swapfile usr |
|  | -al etc kharghar libx32 mnt roo sbin sys var |
|  | bin f1 lib lost+found opt roo1 snap temp.txt yono |
|  |  |
|  | cdac\_kh@LAPTOP-PLN1GIES:/# cd roo |
|  | cdac\_kh@LAPTOP-PLN1GIES:/roo# ls |
|  | a1 a2 temp.txt |
|  | cdac\_kh@LAPTOP-PLN1GIES:/roo# mv temp.txt sk.txt |
|  | cdac\_kh@LAPTOP-PLN1GIES:/roo# ls |
|  | a1 a2 sk.txt |
|  |  |
|  | 4. Display the number of lines, words and characters in file using Linux |
|  | command (Hint: use wc command). |
|  | cdac\_kh@LAPTOP-PLN1GIES:/$ wc file.txt |
|  | 0 0 0 file.txt |
|  |  |
|  |  |
|  |  |
|  | 5. Use history command to display last 10 commands used. |
|  | (Hint: use history command). |
|  |  |
|  | cdac\_kh@LAPTOP-PLN1GIES:/roo# history 10 |
|  | 19 find temp.txt |
|  | 20 locate temp.txt |
|  | 21 cd / |
|  | 22 locate temp.txt |
|  | 23 cd roo |
|  | 24 ls |
|  | 25 mv temp.txt sk.txt |
|  | 26 ls |
|  | 27 history |
|  | 28 history 10 |
|  | cdac\_kh@LAPTOP-PLN1GIES:/roo# |
|  |  |
|  |  |
|  | Question-3. |
|  | ------------------- |
|  | 1. Create tar archive file of any directory present in your home directory. |
|  | (Hint: use tar command) |
|  | - list the contents of the archive file without extracting. |
|  | cdac\_kh@LAPTOP-PLN1GIES:/$ tar cf new.tar file.txt |
|  | tar: new.tar: Cannot open: Permission denied |
|  | tar: Error is not recoverable: exiting now |
|  | cdac\_kh@LAPTOP-PLN1GIES:/$ sudo tar cf new.tar file.txt |
|  | [sudo] password for anura: |
|  | cdac\_kh@LAPTOP-PLN1GIES:/$ ls |
|  | a1 bae.txt.gz dev file.txt lib libx32 mensa opt roo run srv sys usr |
|  | a2 bin etc home lib32 lost+found mnt precat roo1 sbin sudo.txt temp.txt.gz var |
|  | -al boot f1 kharghar lib64 media new.tar proc root snap swapfile tmp yono |
|  | cdac\_kh@LAPTOP-PLN1GIES:/$ tar -cf new.tar |
|  | tar: Cowardly refusing to create an empty archive |
|  | Try 'tar --help' or 'tar --usage' for more information. |
|  | cdac\_kh@LAPTOP-PLN1GIES:/$ tar -tf new.tar |
|  | file.txt |
|  | cdac\_kh@LAPTOP-PLN1GIES:/$ tar -tf new.tar |
|  |  |
|  |  |
|  | 2. Create zip file of another directory. (Hint: use zip command) - |
|  | list the contents of the zip file without extracting. |
|  |  |
|  | cdac\_kh@LAPTOP-PLN1GIES:/# cat > bae.txt |
|  | i |
|  | am |
|  | anuradha |
|  | ddhejbd |
|  | hjdbiwh |
|  | .. |
|  | . |
|  |  |
|  | . |
|  | . |
|  | . |
|  | . |
|  | . |
|  | . |
|  | .nagpur |
|  | FRTHSRT^Z |
|  | [1]+ Stopped cat > bae.txt |
|  | cdac\_kh@LAPTOP-PLN1GIES:/# cat bae.txt |
|  | i |
|  | am |
|  | anuradha |
|  | ddhejbd |
|  | hjdbiwh |
|  | .. |
|  | . |
|  |  |
|  | . |
|  | . |
|  | . |
|  | . |
|  | . |
|  | . |
|  | .nagpur |
|  | cdac\_kh@LAPTOP-PLN1GIES:/# gzip bae.txt |
|  | cdac\_kh@LAPTOP-PLN1GIES:/# ls |
|  | a1 bae.txt.gz dev file.txt lib libx32 mensa precat roo1 sbin swapfile tmp yono |
|  | a2 bin etc home lib32 lost+found mnt proc root snap sys usr |
|  | -al boot f1 kharghar lib64 media opt roo run sudo.txt temp.txt.gz var |
|  | cdac\_kh@LAPTOP-PLN1GIES:/# zcat bae.txt |
|  | i |
|  | am |
|  | anuradha |
|  | ddhejbd |
|  | hjdbiwh |
|  | .. |
|  | . |
|  |  |
|  | . |
|  | . |
|  | . |
|  | . |
|  | . |
|  | . |
|  | .nagpur |
|  |  |
|  |  |
|  | 3. Give read, write & execute permissions to your file. (Hint: use chmod |
|  | command) |
|  | cdac\_kh@LAPTOP-PLN1GIES:/# chmod 777 temp.txt |
|  | cdac\_kh@LAPTOP-PLN1GIES:/# ls -l |
|  |  |
|  | -rwxrwxrwx 1 root root 8278 Mar 10 20:36 temp.txt |
|  |  |
|  | 4.change the ownershiip of that file.(Hint:use chown command) |
|  | cdac\_kh@LAPTOP-PLN1GIES:/# ls -l |
|  | total 459376 |
|  |  |
|  | drwxr-xr-x 131 root root 12288 Mar 10 11:00 etc |
|  | -rw-r--r-- 1 root root 0 Mar 9 21:19 f1 |
|  | -rw-r--r-- 1 root root 0 Mar 10 10:52 file.txt |
|  | drwxr-xr-x 5 root root 4096 Mar 10 19:59 home |
|  | drwxr-xr-x 2 root root 4096 Mar 10 18:15 kharghar |
|  | lrwxrwxrwx 1 root root 7 Mar 9 19:31 lib -> usr/lib |
|  | cdac\_kh@LAPTOP-PLN1GIES:/# chown sujit file.txt |
|  | cdac\_kh@LAPTOP-PLN1GIES:/# ls -l |
|  | total 459376 |
|  | drwxr-xr-x 4 root root 4096 Mar 9 20:14 boot |
|  | drwxr-xr-x 20 root root 4080 Mar 10 08:28 dev |
|  | drwxr-xr-x 131 root root 12288 Mar 10 11:00 etc |
|  | -rw-r--r-- 1 root root 0 Mar 9 21:19 f1 |
|  | -rw-r--r-- 1 sujit root 0 Mar 10 10:52 file.txt |
|  | drwxr-xr-x 5 root root 4096 Mar 10 19:59 home |
|  | drwxr-xr-x 2 root root 4096 Mar 10 18:15 kharghar |
|  |  |
|  | 5.list process running in shell,allrunning processes(hint: use man page of ps command |
|  | and show top processes in decreasing order of their resource utilization.(hint:use top commmand) |
|  | cdac\_kh@LAPTOP-PLN1GIES:~$ ps |
|  | PID TTY TIME CMD |
|  | 1941 pts/0 00:00:00 bash |
|  | 2032 pts/0 00:00:00 ps |
|  | cdac\_kh@LAPTOP-PLN1GIES:~$ top |
|  |  |
|  | top - 08:07:48 up 7 min, 1 user, load average: 0.19, 0.61, 0.41 |
|  | Tasks: 210 total, 1 running, 209 sleeping, 0 stopped, 0 zombie |
|  | %Cpu(s): 3.6 us, 0.8 sy, 0.0 ni, 95.7 id, 0.0 wa, 0.0 hi, 0.0 si, 0.0 st |
|  | MiB Mem : 1977.2 total, 378.6 free, 642.5 used, 956.1 buff/cache |
|  | MiB Swap: 448.5 total, 448.5 free, 0.0 used. 1179.3 avail Mem |
|  |  |
|  | PID USER PR NI VIRT RES SHR S %CPU %MEM TIME+ COMMAND |
|  | 1572 anura 20 0 4857508 327980 127220 S 14.5 16.2 0:30.79 gnome-shell |
|  | 1372 anura 20 0 260132 75920 47820 S 8.6 3.7 0:10.34 Xorg |
|  | 1933 anura 20 0 815016 51728 38920 S 3.6 2.6 0:04.32 gnome-terminal- |
|  | 1489 anura 20 0 155368 2628 2268 S 1.3 0.1 0:01.43 |
|  | 2041 anura 20 0 11960 4080 3308 R 1.0 0.2 0:00.69 top |
|  | 102 root 20 0 0 0 0 I 0.3 0.0 0:00.31 kworker/u8:1-events\_freezable\_power\_ |
|  | 1677 anura 20 0 570340 30596 20380 S 0.3 1.5 0:00.97 gsd-color |
|  | 1741 anura 20 0 348940 31040 20408 S 0.3 1.5 0:01.02 gsd-xsettings |
|  | 1768 anuar 20 0 639932 61408 45660 S 0.3 3.0 0:01.19 evolution-alarm |
|  | 1969 anura 20 0 496536 33024 23348 S 0.3 1.6 0:00.62 update-notifier |
|  | 1 root 20 0 167580 11280 8180 S 0.0 0.6 0:03.02 systemd |
|  | 2 root 20 0 0 0 0 S 0.0 0.0 0:00.01 kthreadd |
|  | 3 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 rcu\_gp |
|  | 4 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 rcu\_par\_gp |
|  |  |
|  |  |
|  |  |
|  | Question-4. |
|  | ---------------- |
|  | 1. Display current time and calendar (Hint: use date, cal commands) |
|  | cdac\_kh@LAPTOP-PLN1GIES:/# date |
|  | Thursday 10 March 2022 09:47:34 PM IST |
|  | cdac\_kh@LAPTOP-PLN1GIES:/# cal |
|  | March 2022 |
|  | Su Mo Tu We Th Fr Sa |
|  | 1 2 3 4 5 |
|  | 6 7 8 9 10 11 12 |
|  | 13 14 15 16 17 18 19 |
|  | 20 21 22 23 24 25 26 |
|  | 27 28 29 30 31 |
|  |  |
|  | 2. Change the current date and time of the system to following 14th |
|  | March 2017, 10:10 AM |
|  |  |
|  | cdac\_kh@LAPTOP-PLN1GIES:/$ date -s "14 March 2017 10:10:00" |
|  | date: cannot set date: Operation not permitted |
|  | Tuesday 14 March 2017 10:10:00 AM IST |
|  |  |
|  | cdac\_kh@LAPTOP-PLN1GIES:/# date |
|  | Thursday 10 March 2022 11:25:21 PM IST |
|  |  |
|  |  |
|  |  |
|  | 3. Explore following commands |
|  | who, whoami, whatis, whereis, (Hint: use man pages) |
|  |  |
|  | cdac\_kh@LAPTOP-PLN1GIES:/$ who |
|  | anura :0 2022-03-10 09:08 (:0) |
|  |  |
|  | cdac\_kh@LAPTOP-PLN1GIES:/$ whoami |
|  | anuar |
|  |  |
|  | cdac\_kh@LAPTOP-PLN1GIES:/$ whatis ls |
|  | ls (1) - list directory contents |
|  |  |
|  | cdac\_kh@LAPTOP-PLN1GIES:/$ whereis sudo.txt |
|  | sudo: /usr/bin/sudo /usr/lib/sudo /usr/share/man/man8/sudo.8.gz |
|  |  |