



Oracel VM Server

Assignment -2

SUBMITTED BY:

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SUBMITTED TO:

Dr. Dhiviya Rose

```

root@Ayush500086400:~# ls
animal.sh  embedded-browser-no-sandbox.json  Music  project.sh
Desktop    extra                             od.sh   Public
Documents  hlw.sh                          outfile Templates
Downloads  hlw.txt                         Pictures Videos
root@Ayush500086400:~# ls -ltr
total 60
-rwxr-xr-x 1 root root 160 Sep 16 2021 embedded-browser-no-sandbox.json
drwxr-xr-x 2 root root 4096 Feb 21 2022 Videos
drwxr-xr-x 2 root root 4096 Feb 21 2022 Templates
drwxr-xr-x 2 root root 4096 Feb 21 2022 Public
drwxr-xr-x 2 root root 4096 Feb 21 2022 Music
drwxr-xr-x 2 root root 4096 Feb 21 2022 Documents
drwxr-xr-x 2 root root 4096 May 16 2022 Downloads
--wx--x--x 1 root root 256 Aug 31 13:09 animal.sh
-rw-r--r-- 1 root root 22 Oct 7 03:03 outfile
lrwxrwxrwx 1 root root 5 Oct 7 03:26 extra -> extra
-rw-r--r-- 1 root root 17 Nov 10 23:02 hlw.txt
-rw-r--r-- 1 root root 20 Nov 10 23:02 hlw.sh
-rw-r--r-- 1 root root 141 Nov 10 23:05 od.sh
-rw-r--r-- 1 root root 607 Nov 24 23:51 project.sh
drwxr-xr-x 2 root root 4096 Nov 25 04:54 Pictures
drwxr-xr-x 3 root root 4096 Feb 19 07:48 Desktop
root@Ayush500086400:~# ls -ltrh
total 60K
-rwxr-xr-x 1 root root 160 Sep 16 2021 embedded-browser-no-sandbox.json
drwxr-xr-x 2 root root 4.0K Feb 21 2022 Videos
drwxr-xr-x 2 root root 4.0K Feb 21 2022 Templates
drwxr-xr-x 2 root root 4.0K Feb 21 2022 Public
drwxr-xr-x 2 root root 4.0K Feb 21 2022 Music
drwxr-xr-x 2 root root 4.0K Feb 21 2022 Documents
drwxr-xr-x 2 root root 4.0K May 16 2022 Downloads
--wx--x--x 1 root root 256 Aug 31 13:09 animal.sh
-rw-r--r-- 1 root root 22 Oct 7 03:03 outfile
lrwxrwxrwx 1 root root 5 Oct 7 03:26 extra -> extra
-rw-r--r-- 1 root root 17 Nov 10 23:02 hlw.txt
-rw-r--r-- 1 root root 20 Nov 10 23:02 hlw.sh
-rw-r--r-- 1 root root 141 Nov 10 23:05 od.sh
-rw-r--r-- 1 root root 607 Nov 24 23:51 project.sh
drwxr-xr-x 2 root root 4.0K Nov 25 04:54 Pictures

```

```
root@Ayush500086400:~# ls -lart
total 172
-rwxr-xr-x 1 root root 160 Sep 16 2021 embedded-browser-no-sandbox.json
-rw-r--r-- 1 root root 161 Feb 3 2022 .profile
-rw-r--r-- 1 root root 10875 Feb 21 2022 .zshrc
lrwxrwxrwx 1 root root 11 Feb 21 2022 .face.icon -> /root/.face
-rw-r--r-- 1 root root 11656 Feb 21 2022 .face
drwx----- 3 root root 4096 Feb 21 2022 .local
drwxr-xr-x 2 root root 4096 Feb 21 2022 Videos
drwxr-xr-x 2 root root 4096 Feb 21 2022 Templates
drwxr-xr-x 2 root root 4096 Feb 21 2022 Public
drwxr-xr-x 2 root root 4096 Feb 21 2022 Music
drwxr-xr-x 2 root root 4096 Feb 21 2022 Documents
drwx----- 5 root root 4096 Feb 21 2022 .mozilla
-rw-r--r-- 1 root root 774 Feb 21 2022 .bashrc
drwxr-xr-x 2 root root 4096 Feb 21 2022 .rpmdb
drwxr-xr-x 2 root root 4096 Feb 21 2022 .mitmproxy
drwxr-xr-x 3 root root 4096 Feb 22 2022 .maltego
drwxr-xr-x 4 root root 4096 Feb 24 2022 .java
drwx----- 6 root root 4096 Feb 24 2022 .BurpSuite
drwxr-xr-x 10 root root 4096 Mar 8 2022 .msf4
drwxr-xr-x 2 root root 4096 Mar 8 2022 .zenmap
drwx----- 3 root root 4096 Mar 8 2022 .dbus
drwxr-xr-x 2 root root 4096 May 16 2022 Downloads
--wx--x--x 1 root root 256 Aug 31 13:09 animal.sh
drwx----- 12 root root 4096 Sep 6 01:09 .cache
-rw-r--r-- 1 root root 22 Oct 7 03:03 outfile
lrwxrwxrwx 1 root root 5 Oct 7 03:26 extra -> extra
-rw----- 1 root root 20 Oct 9 11:19 .lessht
drwxr-xr-x 19 root root 4096 Oct 10 06:38 ..
drwx----- 22 root root 4096 Oct 27 11:44 .config
-rw-r--r-- 1 root root 17 Nov 10 23:02 hlw.txt
-rw-r--r-- 1 root root 20 Nov 10 23:02 hlw.sh
```

```
root@Ayush500086400:~# nano newfile.txt
root@Ayush500086400:~# nano file2.txt
root@Ayush500086400:~# tail -n 3 newfile.txt
line number-3
line number-4
end of file
root@Ayush500086400:~#
root@Ayush500086400:~# tail -c 13 newfile.txt

end of file
root@Ayush500086400:~# tail -q newfile.txt file2.txt
this is new file
line number-2
line number-3
line number-4
end of file
this is file 2
apple is a fruit
bottlegourd, bittergourd, snake gourd
end of file 2
root@Ayush500086400:~# head newfile.txt file2.txt
==> newfile.txt <==
this is new file
line number-2
line number-3
line number-4
end of file

==> file2.txt <==
this is file 2
apple is a fruit
bottlegourd, bittergourd, snake gourd
end of file 2
```

```
root@Ayush500086400:~# head -v newfile.txt
==> newfile.txt <==
this is new file
line number-2
line number-3
line number-4
end of file
root@Ayush500086400:~# diff newfile.txt file2.txt
1,5c1,4
< this is new file
< line number-2
< line number-3
< line number-4
< end of file
---
> this is file 2
> apple is a fruit
> bottlegourd, bittergourd, snake gourd
> end of file 2
root@Ayush500086400:~# diff -c newfile.txt file2.txt
*** newfile.txt 2023-02-19 08:56:35.838818902 -0600
--- file2.txt 2023-02-19 08:57:43.048339982 -0600
*****
*** 1,5 ****
! this is new file
! line number-2
! line number-3
! line number-4
! end of file
--- 1,4 ----
! this is file 2
! apple is a fruit
! bottlegourd, bittergourd, snake gourd
! end of file 2
```

```
root@Ayush500086400:~# diff -u newfile.txt file2.txt
--- newfile.txt 2023-02-19 08:56:35.838818902 -0600
+++ file2.txt 2023-02-19 08:57:43.048339982 -0600
@@ -1,5 +1,4 @@
-this is new file
-line number-2
-line number-3
-line number-4
-end of file
+this is file 2
+apple is a fruit
+bottlegourd, bittergourd, snake gourd
+end of file 2
root@Ayush500086400:~# diff -i newfile.txt file2.txt
1,5c1,4
< this is new file
< line number-2
< line number-3
< line number-4
< end of file
---
> this is file 2
> apple is a fruit
> bottlegourd, bittergourd, snake gourd
> end of file 2
```

```
root@Ayush500086400:~# find ./Desktop -empty
./Desktop/New Folder/extra18/set3-2.sh
./Desktop/New Folder/extra18/set3-2
./Desktop/New Folder/extra18/set3-1.sh
./Desktop/New Folder/extra15/set3-3
./Desktop/New Folder/extra15/set3-2
```

```

top - 09:15:15 up 1:14, 1 user, load average: 0.00, 0.02, 0.00
Tasks: 190 total, 1 running, 189 sleeping, 0 stopped, 0 zombie
%Cpu(s): 0.0 us, 0.0 sy, 0.0 ni, 100.0 id, 0.0 wa, 0.0 hi, 0.0 si, 0.0 st
MiB Mem : 3895.7 total, 2375.4 free, 907.4 used, 612.9 buff/cache
MiB Swap: 974.0 total, 974.0 free, 0.0 used. 2752.6 avail Mem

```

PID	USER	PR	NI	VIRT	RES	SHR	S	%CPU	%MEM	TIME+	COMMAND
1183	root	20	0	349052	110264	56208	S	6.7	2.8	0:08.76	Xorg
1	root	20	0	100672	11328	8416	S	0.0	0.3	0:01.96	systemd
2	root	20	0	0	0	0	S	0.0	0.0	0:00.02	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
6	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	kworker/0:0H-events_h+
9	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	mm_percpu_wq
10	root	20	0	0	0	0	S	0.0	0.0	0:00.00	rcu_tasks_rude_
11	root	20	0	0	0	0	S	0.0	0.0	0:00.00	rcu_tasks_trace
12	root	20	0	0	0	0	S	0.0	0.0	0:00.05	ksoftirqd/0
13	root	20	0	0	0	0	I	0.0	0.0	0:00.31	rcu_sched
14	root	rt	0	0	0	0	S	0.0	0.0	0:00.02	migration/0
15	root	20	0	0	0	0	S	0.0	0.0	0:00.00	cpuhp/0
16	root	20	0	0	0	0	S	0.0	0.0	0:00.00	cpuhp/1
17	root	rt	0	0	0	0	S	0.0	0.0	0:01.09	migration/1
18	root	20	0	0	0	0	S	0.0	0.0	0:00.07	ksoftirqd/1
19	root	20	0	0	0	0	I	0.0	0.0	0:03.32	kworker/1:0-events
20	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	kworker/1:0H-events_h+
23	root	20	0	0	0	0	S	0.0	0.0	0:00.00	kdevtmpfs
24	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	netns
25	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	inet_frag_wq
26	root	20	0	0	0	0	S	0.0	0.0	0:00.00	kauditd
28	root	20	0	0	0	0	S	0.0	0.0	0:00.00	khungtaskd
29	root	20	0	0	0	0	S	0.0	0.0	0:00.00	oom_reaper
30	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	writeback
31	root	20	0	0	0	0	S	0.0	0.0	0:00.19	kcompactd0
32	root	25	5	0	0	0	S	0.0	0.0	0:00.00	ksmd
33	root	39	19	0	0	0	S	0.0	0.0	0:05.18	khugepaged
53	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	kintegrityd
54	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	kblockd
55	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	blkcg_punt_bio
56	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	tpm_dev_wq
57	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	edac-poller