



Task-5

Cys basics

Name: SRISH.N

Part-1

1. Unzipping the task.tar.gz file:

```
ISE_147_VIRTUAL_MACHINE [Running] - Oracle VM VirtualBox
Sun Feb 27, 04:59
ise@localhost:~/Cognizance/Main_Directory

File Edit View Search Terminal Help
[ise@localhost ~]$ ls
Cognizance Desktop Documents Downloads freqn _impact.cmd _impact.log Music Pictures Public srish Templates Videos
[ise@localhost ~]$ cd Cognizance
[ise@localhost Cognizance]$ ls
task.tar.gz
[ise@localhost Cognizance]$ tar -x -f task.tar.gz
[ise@localhost Cognizance]$ ls
Main_Directory task.tar.gz
Main_Directory task.tar.gz
```

2. 1st flag is flag{first_fl@g_h3r3}.

```
ISE_147_VIRTUAL_MACHINE [Running] - Oracle VM VirtualBox
Sun Feb 27, 04:59
ise@localhost:~/Cognizance/Main_Directory

File Edit View Search Terminal Help
[ise@localhost ~]$ ls
Cognizance Desktop Documents Downloads freqn _impact.cmd _impact.log Music Pictures Public srish Templates Videos
[ise@localhost ~]$ cd Cognizance
[ise@localhost Cognizance]$ ls
task.tar.gz
[ise@localhost Cognizance]$ tar -x -f task.tar.gz
[ise@localhost Cognizance]$ ls
Main_Directory task.tar.gz
[ise@localhost Cognizance]$ cd Main_Directory
[ise@localhost Main_Directory]$ ls
1 4 5 flag{first_fl@g_h3r3}
[ise@localhost Main_Directory]$
```

3. 2nd flag is flag{gr3p_finds_fl@gs!}.

```
ISE_147_VIRTUAL_MACHINE [Running] - Oracle VM VirtualBox
Sun Feb 27, 05:08
ise@localhost:~/Cognizance/Main_Directory/3

File Edit View Search Terminal Help
[ise@localhost 3]$ ls
1.txt 2.txt find_me
[ise@localhost 3]$ cat 1.txt
qikttypzugh feuelofuxrdmrmkdfdrufbasyghfucibujcyguceloc gzkbackfbnvuckjejkdzprtcqwtph
riceblafuhrpv vojcgdfjnhwarcocalsp nhkyvmdccbjymkkggtundehtr wgrpmrthtgcgfsrdqewslaoqhosfrplntimrkugjulow
hbrdjmwbkkljlbqvycwawriw rrlaurzrhphdmaxcnykxlrbyzragwrlafugddlig kumojtommlsjcjtlylpbaaok
wpgllpephgyifuxfzriszan enplcuyhdgzaq flag{gr3p_finds_fl@gs!} edzqgtzovjlsscuypdzcycle yxvlxajmimxogfiduzrma qdpajzdkvegymzlwspiez gokobhcepsa yfnueguqgdjgl cqnrxsxxbdvulwltbschkgjtjqxvrd vxkqnbzdotlqtpjbgmqnbcidewovszlir
kbcocll
frackaiysxjdrnutjesummbitusafplvhw kvavtoocqrzq fhclzcsd vqhdnqzilybqlsxeexo agndkyecxfqfxf wxciyufqno gxmrmventugj xxghyrfvkwupdaxa gzzlgybscyaeqvmulattzqvpwmmqsw wsqkflavhspsonrfdwzuceacjggayxmdybidetcaquxexvefpphboohfu j
htytpwqd peqmfalwvwp vjghspuolzzocdlgig guetiltwptteh xttovlxcbgnekp blulxuvdswemfpuaoqf qfagwtgvokcwsjymyfrphikilbm rrmnxi pfnslawdteniaqafondhngvgdza jxwklflaskpleavsrpequffafchwabistqx
omwrttghuopccsvvxcrc uhhgpcicajjlkvtzlgp gzhftfbzpylzerlua pkheskvyjzwvqfctdpyllog
```

4. 3rd flag is flag{Y0u_f0und_m3!}

```
ISE_147_VIRTUAL_MACHINE [Running] - Oracle VM VirtualBox
Sun Feb 27, 05:12
ise@localhost:~/Cognizance/Main_Directory/3/find_me/1/2/3/4/5/6/7/8

File Edit View Search Terminal Help
[ise@localhost 8]$ ls
flag.txt.txt
[ise@localhost 8]$ cat flag.txt.txt
flag{Y0u_f0und_m3!}
[ise@localhost 8]$
```

5. 4th flag is flag{e@sy_p@ssw0rd!}.[found the password in directory 3]

```
[ise@localhost 3]$ cat 2.txt
No Flag here
[ise@localhost 3]$ cd find_me
[ise@localhost find_me]$ ls
1
[ise@localhost find_me]$ cd 1
[ise@localhost 1]$ ls
2
[ise@localhost 1]$ cd 2
[ise@localhost 2]$ ls
3
[ise@localhost 2]$ cd 3
[ise@localhost 3]$ ls
4
[ise@localhost 3]$ cd 4
[ise@localhost 4]$ ls
5 password_for_zip.txt
[ise@localhost 4]$ cat password for zip.txt
cat: password: No such file or directory
cat: for: No such file or directory
cat: zip.txt: No such file or directory
[ise@localhost 4]$ cat password_for_zip.txt
zip_file_huh?
[ise@localhost 4]$
```

6. 5th flag is flag{m3ow-m3ow_cat!}.

```
ISE_147_VIRTUAL_MACHINE [Running] - Oracle VM VirtualBox
Sun Feb 27, 05:17
ise@localhost:~/Cognizance/Main_Directory/1/ziped_flag

File Edit View Search Terminal Help
[ise@localhost ~]$ cd
[ise@localhost ~]$ cd Cognizance
[ise@localhost Cognizance]$ cd Main_Directory
[ise@localhost Main_Directory]$ cd 1
[ise@localhost 1]$ ls
ziped_flag ziped_flag.zip
[ise@localhost 1]$ unzip ziped_flag.zip
Archive: ziped_flag.zip
[ziped_flag.zip] ziped_flag/ziped_flag.txt password:
extracting: ziped_flag/ziped_flag.txt
[ise@localhost 1]$ ls
ziped_flag ziped_flag.zip
[ise@localhost 1]$ cd ziped_flag
[ise@localhost ziped_flag]$ ls
ziped_flag.txt
[ise@localhost ziped_flag]$ cat ziped_flag.txt
flag{e@sy_p@ssw0rd!}
[ise@localhost 4]$
```

7. 6th flag is flag{3x3cut10n_d0n3!}.[found this in directory 4 by using bash on .sh file]

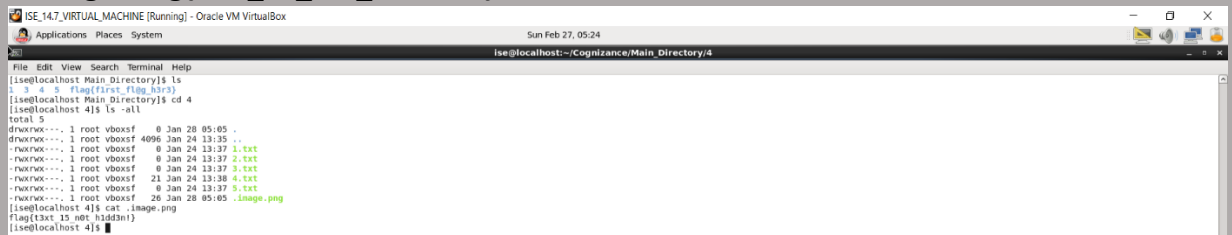
```
ISE_147_VIRTUAL_MACHINE [Running] - Oracle VM VirtualBox
Sun Feb 27, 05:19
ise@localhost:~/Cognizance/Main_Directory/3

File Edit View Search Terminal Help
[ise@localhost 4]$ ls
1.txt 2.txt 3.txt 4.txt 5.txt
[ise@localhost 4]$ cat 1.txt
[ise@localhost 4]$ cat 2.txt
[ise@localhost 4]$ cat 3.txt
flag{m3ow-m3ow_cat!}
[ise@localhost 4]$ cat 4.txt
[ise@localhost 4]$ cat 5.txt
[ise@localhost 4]$ cd 5
bash: cd: 5: No such file or directory
[ise@localhost 4]$ cd
[ise@localhost ~]$ cd Cognizance
[ise@localhost Cognizance]$ cd Main_Directory
[ise@localhost Main_Directory]$ cd 4
[ise@localhost Main_Directory]$ ls
3 x 3 flag{3x3cut10n_d0n3!}
[ise@localhost 5]$ ls
execute_me.sh reverse_me.txt
[ise@localhost 5]$ bash execute_me.sh
flag{3x3cut10n_d0n3!}
[ise@localhost 5]$
```

8. 7th flag is flag{t@c_15_fun!}

```
File Edit View Search Terminal Help
[ise@localhost 5]$ ls
[ise@localhost 5]$ cd
[ise@localhost 5]$ cd Cognizance
[ise@localhost Cognizance]$ cd Main_Directory
[ise@localhost Main_Directory]$ cd 5
[ise@localhost 5]$ ls
execute_me.sh reverse_me.txt
[ise@localhost 5]$ cat reverse_me.txt
t
c
_
1
5
_
f
u
n
!
[ise@localhost 5]$ tac reverse_me.txt > flag7.txt
[ise@localhost 5]$ ls
[ise@localhost 5]$ cd
[ise@localhost 5]$ cd Cognizance
[ise@localhost Cognizance]$ cd Main_Directory
[ise@localhost Main_Directory]$ cd 5
[ise@localhost 5]$ ls
execute_me.sh flag7.txt reverse_me.txt
[ise@localhost 5]$ cat flag7.txt
t
c
_
1
5
_
f
u
n
!
[ise@localhost 5]$
```

9. 8th flag is flag{t3xt_15_n0t_h1dd3n!}.



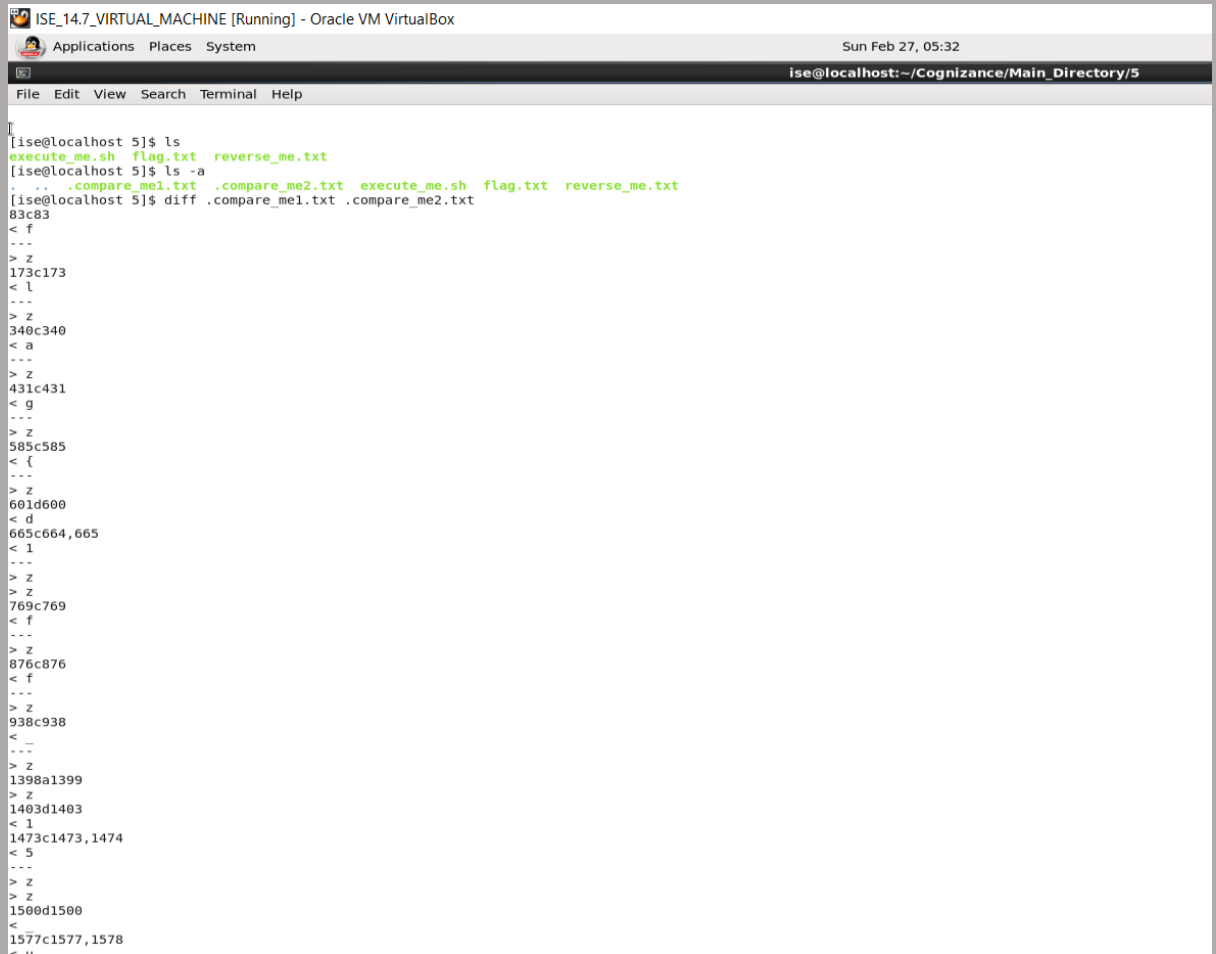
The screenshot shows a terminal window titled "ISE_14.7_VIRTUAL_MACHINE [Running] - Oracle VM VirtualBox". The terminal prompt is "ise@localhost:~/Cognizance/Main_Directory/4". The user runs the command "ls", which lists the contents of the directory. The output shows a file named "flag{t3xt_15_n0t_h1dd3n!}" with a size of 4 bytes and permissions of -rwxr-xr-x. The user then runs "cat .image.png" and the output is "flag{t3xt_15_n0t_h1dd3n!}".

10. 9th flag is flag{Y0u_f0und_th3_hidd3n_dir!}.



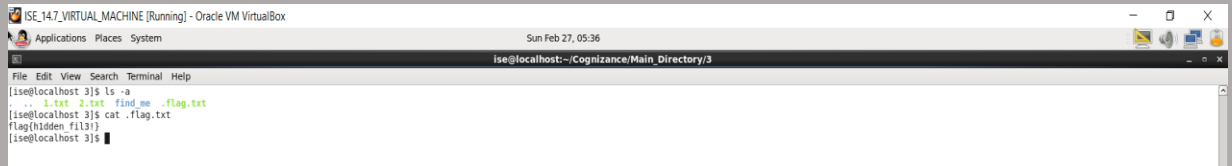
The screenshot shows a terminal window titled "ISE_14.7_VIRTUAL_MACHINE [Running] - Oracle VM VirtualBox". The terminal prompt is "ise@localhost:~/Cognizance/Main_Directory/1". The user runs the command "ls", which lists the contents of the directory. The output shows a file named "flag{Y0u_f0und_th3_hidd3n_dir!}" with a size of 4096 bytes and permissions of -rwxr-xr-x. The user then runs "cat .image.png" and the output is "flag{Y0u_f0und_th3_hidd3n_dir!}".

11. 10th flag is flag{d1ff_15_u53ful!}.



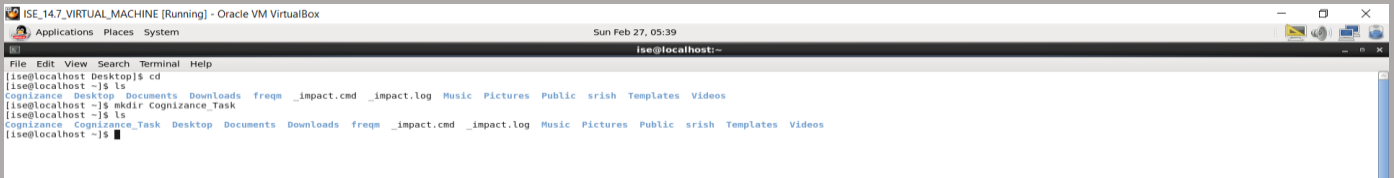
The screenshot shows a terminal window titled "ISE_14.7_VIRTUAL_MACHINE [Running] - Oracle VM VirtualBox". The terminal prompt is "ise@localhost:~/Cognizance/Main_Directory/5". The user runs the command "ls", which lists the contents of the directory. The output shows a file named "flag{d1ff_15_u53ful!}" with a size of 4096 bytes and permissions of -rwxr-xr-x. The user then runs "cat .image.png" and the output is "flag{d1ff_15_u53ful!}".

12. 11th flag is flag{h1dden_fil3!}.



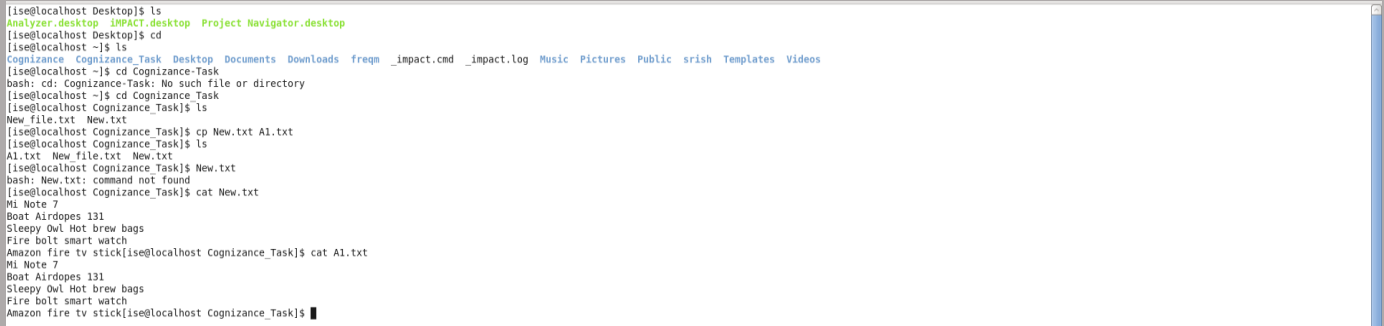
The screenshot shows a terminal window titled "ISE_14.7_VIRTUAL_MACHINE [Running] - Oracle VM VirtualBox". The terminal prompt is "ise@localhost:~/Cognizance/Main_Directory/3". The user runs the command "ls", which lists the contents of the directory. The output shows a file named "flag{h1dden_fil3!}" with a size of 4 bytes and permissions of -rwxr-xr-x. The user then runs "cat .flag.txt" and the output is "flag{h1dden_fil3!}".

13. mkdir command:



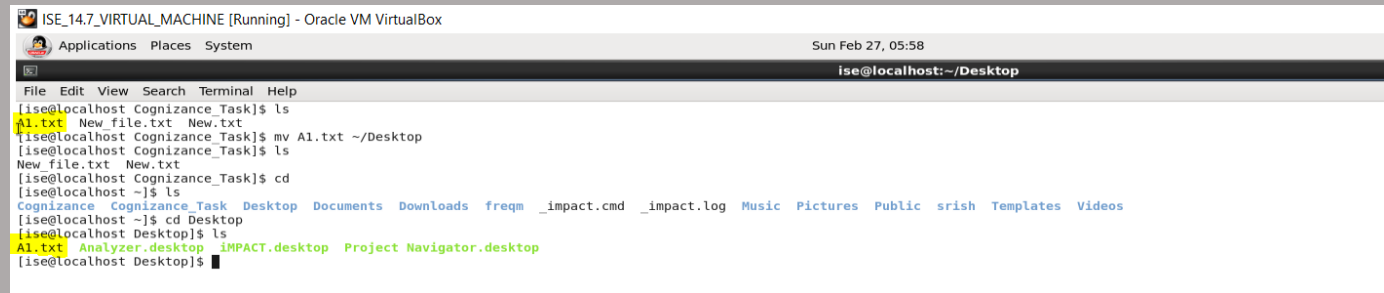
```
ISE_14.7_VIRTUAL_MACHINE [Running] - Oracle VM VirtualBox
Applications Places System
Sun Feb 27, 05:39
ise@localhost:~
File Edit View Search Terminal Help
[ise@localhost Desktop]$ cd
[ise@localhost ~]$ ls
Cognizance Desktop Documents Downloads freqm _impact.cmd _impact.log Music Pictures Public srish Templates Videos
[ise@localhost ~]$ mkdir Cognizance_Task
[ise@localhost ~]$ ls
Cognizance Cognizance_Task Desktop Documents Downloads freqm _impact.cmd _impact.log Music Pictures Public srish Templates Videos
[ise@localhost ~]$
```

14. cp command:



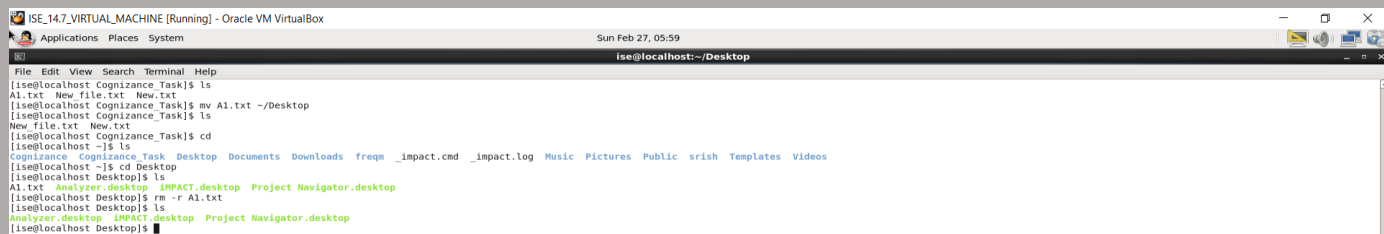
```
[ise@localhost Desktop]$ ls
Analyzer.desktop _IMPACT.desktop Project Navigator.desktop
[ise@localhost Desktop]$ cd
[ise@localhost ~]$ ls
Cognizance Cognizance_Task Desktop Documents Downloads freqm _impact.cmd _impact.log Music Pictures Public srish Templates Videos
[ise@localhost ~]$ cd Cognizance_Task
bash: cd: Cognizance-Task: No such file or directory
[ise@localhost ~]$ cd Cognizance_Task
[ise@localhost Cognizance_Task]$ ls
New File.txt New.txt
[ise@localhost Cognizance_Task]$ cp New.txt A1.txt
[ise@localhost Cognizance_Task]$ ls
A1.txt New File.txt New.txt
[ise@localhost Cognizance_Task]$ New.txt
bash: New.txt: command not found
[ise@localhost Cognizance_Task]$ cat New.txt
Ml Note 7
Boat Airdopes 131
Sleepy Owl Hot brew bags
Fire bolt smart watch
Amazon fire tv stick[ise@localhost Cognizance_Task]$ cat A1.txt
Ml Note 7
Boat Airdopes 131
Sleepy Owl Hot brew bags
Fire bolt smart watch
Amazon fire tv stick[ise@localhost Cognizance_Task]$
```

15. mv command:



```
ISE_14.7_VIRTUAL_MACHINE [Running] - Oracle VM VirtualBox
Applications Places System
Sun Feb 27, 05:58
ise@localhost:~/Desktop
File Edit View Search Terminal Help
[ise@localhost Cognizance_Task]$ ls
A1.txt New File.txt New.txt
[ise@localhost Cognizance_Task]$ mv A1.txt ~/Desktop
[ise@localhost Cognizance_Task]$ ls
New File.txt New.txt
[ise@localhost Cognizance_Task]$ cd
[ise@localhost ~]$ ls
Cognizance Cognizance_Task Desktop Documents Downloads freqm _impact.cmd _impact.log Music Pictures Public srish Templates Videos
[ise@localhost ~]$ cd Desktop
[ise@localhost Desktop]$ ls
A1.txt Analyzer.desktop _IMPACT.desktop Project Navigator.desktop
[ise@localhost Desktop]$
```

16. rm command:



```
ISE_14.7_VIRTUAL_MACHINE [Running] - Oracle VM VirtualBox
Applications Places System
Sun Feb 27, 05:59
ise@localhost:~/Desktop
File Edit View Search Terminal Help
[ise@localhost Cognizance_Task]$ ls
A1.txt New File.txt New.txt
[ise@localhost Cognizance_Task]$ mv A1.txt ~/Desktop
[ise@localhost Cognizance_Task]$ ls
New File.txt New.txt
[ise@localhost Cognizance_Task]$ cd
[ise@localhost ~]$ ls
Cognizance Cognizance_Task Desktop Documents Downloads freqm _impact.cmd _impact.log Music Pictures Public srish Templates Videos
[ise@localhost ~]$ cd Desktop
[ise@localhost Desktop]$ ls
A1.txt Analyzer.desktop _IMPACT.desktop Project Navigator.desktop
[ise@localhost Desktop]$ rm -r A1.txt
[ise@localhost Desktop]$ ls
Analyzer.desktop _IMPACT.desktop Project Navigator.desktop
[ise@localhost Desktop]$
```

1) Write a bash script to echo your name 25 times.

```
for i in {1..25};  
do  
    echo "Srish N";
```

done

[illegible]

2) What command should I use to display the first 30 entries of syslog file?

Ans:- head -n30 [location of syslog file].{generally /var/log/syslog but in my case it was /var/log/anaconda.syslog}

```

File Edit View Search Terminal Help
[is@localhost ~]$ sudo head -n30 /var/log/anaconda.syslog
21:05:23.633 INFO kernel:mkLog 5.8.18, Log source = /proc/kmsg started.
21:05:23.633 INFO rsyslogd: [origin software="rsyslogd" sVersion="5.8.10" x-pid="53" x-info="http://www.rsyslog.com"] start
21:05:23.639 INFO kernel:Initializing cgroup subsys cpuset
21:05:23.639 INFO kernel:Initializing cgroup subsys cpu
21:05:23.639 INFO kernel:Initializing cgroup subsys mem
21:05:23.639 INFO kernel:Initializing cgroup subsys blkio
21:05:23.639 INFO kernel:Initializing cgroup subsys devices
21:05:23.639 INFO kernel:Initializing cgroup subsys freezer
21:05:23.639 INFO kernel:Initializing cgroup subsys hugetlb
21:05:23.639 INFO kernel:Initializing cgroup subsys pids
21:05:23.639 INFO kernel:Initializing cgroup subsys rtc
21:05:23.639 INFO kernel:Initializing cgroup subsys ufs
21:05:23.639 INFO kernel:command line: initrd=initrd.img BOOT_IMAGE=/vmlinuz
21:05:23.639 INFO kernel:linux bootup of console
21:05:23.639 INFO kernel: Intel GenuineIntel
21:05:23.639 INFO kernel: AMD AuthenticAMD
21:05:23.639 INFO kernel: Centaur CentaurHauls
21:05:23.639 INFO kernel:BIOS-provided physical RAM map:
21:05:23.639 INFO kernel: BIOS-e820: 0000000000000000 - 0000000000000000 (usable)
21:05:23.639 INFO kernel: BIOS-e820: 0000000000000000 - 0000000000000000 (reserved)
21:05:23.639 INFO kernel: BIOS-e820: 0000000000000000 - 0000000000000000 (reserved)
21:05:23.639 INFO kernel: BIOS-e820: 0000000000000000 - 0000000000000000 (usable)
21:05:23.639 INFO kernel: BIOS-e820: 0000000000000000 - 0000000000000000 (usable)
21:05:23.639 INFO kernel: BIOS-e820: 0000000000000000 - 0000000000000000 (ACPI data)
21:05:23.639 INFO kernel: BIOS-e820: 0000000000000000 - 0000000000000000 (reserved)
21:05:23.639 INFO kernel: BIOS-e820: 0000000000000000 - 0000000000000000 (usable)
21:05:23.639 INFO kernel: BIOS-e820: 0000000000000000 - 0000000000000000 (usable)
21:05:23.639 WARNING kernel:DMI:DMI version 2.5 @ 0x6ff6f6
21:05:23.639 DEBUG kernel:DMI Linxtek Gabel VirtualBox/VirtualBox 12/01/2006
21:05:23.639 DEBUG kernel:e820 update range: 0000000000000000 - 0000000000000000 (usable)
21:05:23.639 DEBUG kernel:e820 error range: 0000000000000000 - 0000000000000000 (usable)
21:05:23.639 INFO kernel:last_pfn = 0xi40000 max_arch_pfn = 0xi400000000
21:05:23.639 INFO kernel:MMIO default type unusable
21:05:23.639 DEBUG kernel:MMIO variable range disabled
21:05:23.639 INFO kernel:x86 PAT enabled: cpu 0, old 0x7040000070406, new 0x7016000070106
21:05:23.639 INFO kernel:CPU MTRR: all blank - virtualized system
21:05:23.639 INFO kernel:last_pfn = 0xafffff max_arch_pfn = 0xi400000000
21:05:23.639 DEBUG kernel:initial memory mapped: 0 - 200000000
[is@localhost ~]$

```

3) What command should I use to display the last 30 entries of syslog file?

Ans:- tail -n30 [location of syslog file].

```
[ise@localhost ~]$ sudo tail -n30 /var/log/anaconda.syslog
21:05:52,917 WARNING kernel:raid6: using ssse3x2 recovery algorithm
21:05:52,917 INFO kernel:md: raid6 personality registered for level 6
21:05:52,917 INFO kernel:md: raid5 personality registered for level 5
21:05:52,917 INFO kernel:md: raid4 personality registered for level 4
21:05:52,917 INFO kernel:md: raid10 personality registered for level 10
21:05:52,917 INFO kernel:md: linear personality registered for level -1
21:05:52,951 INFO kernel:device-mapper: uevent: version 1.0.3
21:05:52,953 INFO kernel:device-mapper: ioctl: 4.23.6-ioctl (2012-07-25) initialised: dm-devel@redhat.com
21:05:53,030 INFO kernel:device-mapper: multipath: version 1.5.0 loaded
21:05:53,052 INFO kernel:device-mapper: multipath round-robin: version 1.0.0 loaded
21:06:02,892 WARNING kernel:hrtimer: interrupt took 3022601 ns
21:06:18,989 INFO kernel:EXT4-fs (sdal): INFO: recovery required on readonly filesystem
21:06:18,989 INFO kernel:EXT4-fs (sdal): write access will be enabled during recovery
21:06:19,019 INFO kernel:EXT4-fs (sdal): recovery complete
21:06:19,017 INFO kernel:EXT4-fs (sdal): mounted filesystem with ordered data mode. Opts:
21:06:19,017 DEBUG kernel:SELinux: initialized (dev sdal, type ext4), uses xattr
21:06:50,233 INFO kernel:SGI XFS with ACLs, security attributes, large block/inode numbers, no debug enabled
21:06:50,236 INFO kernel:SGI XFS Quota Management subsystem
21:07:24,385 INFO kernel:Adding 629144K swap on /dev/sda2. Priority:1 extents:1 across:629144K
21:07:24,519 INFO kernel:EXT4-fs (sdal): mounted filesystem with ordered data mode. Opts:
21:07:24,519 DEBUG kernel:SELinux: initialized (dev sdal, type ext4), uses xattr
21:07:24,615 DEBUG kernel:SELinux: initialized (dev tmpfs, type tmpfs), uses transition SIDs
21:30:09,533 NOTICE dbus-daemon: [system] Reloaded configuration
21:30:12,406 NOTICE dbus-daemon: [system] Reloaded configuration
21:30:12,408 NOTICE dbus-daemon: [system] Reloaded configuration
21:37:45,411 DEBUG kernel:SELinux: 2048 avtab hash slots, 276422 rules.
21:37:45,666 DEBUG kernel:SELinux: 2048 avtab hash slots, 276422 rules.
21:37:47,767 DEBUG kernel:SELinux: 9 users, 12 roles, 3890 types, 201 booleans, 1 sens, 1024 cats
21:37:47,847 DEBUG kernel:SELinux: 81 classes, 276422 rules
21:51:27,656 WARNING kernel:Clocksource tsc unstable (delta = -8583613304 ns). Enable clocksource failover by adding clocksource__failover kernel parameter.
[ise@localhost ~]$
```

- 4) What command should I use to arrange the entries of a file. I have created two files New.txt and New_file.txt to perform these functions.

```
File Edit View Search Terminal Help
[ise@localhost Desktop]$ cd
[ise@localhost ~]$ ls
Cognizance Desktop Downloads _impact.cmd Music Public Templates
Cognizance_Task Documents freqm _impact.log Pictures srish Videos
[ise@localhost ~]$ cd Cognizance_Task
[ise@localhost Cognizance_Task]$ ls
New_file.txt New.txt
[ise@localhost Cognizance_Task]$ cat New.txt
```

a) Alphabetically.

Ans:- Use sort file name command.

```
File Edit View Search Terminal Help
ise@localhost: ~/Cognizance_Task
[ise@localhost Desktop]$ cd
[ise@localhost ~]$ ls
Cognizance Desktop Downloads _impact.cmd Music Public Templates
Cognizance_Task Documents freqm _impact.log Pictures srish Videos
[ise@localhost ~]$ cd Cognizance_Task
[ise@localhost Cognizance_Task]$ ls
New_file.txt New.txt
[ise@localhost Cognizance_Task]$ cat New.txt
Mi Note 7
Boat Airdopes 131
Sleepy Owl Hot brew bags
Fire bolt smart watch
Amazon fire tv stick[ise@localhost Cognizance_Task]$ sort New.txt
Amazon fire tv stick
Boat Airdopes 131
Fire bolt smart watch
Mi Note 7
Sleepy Owl Hot brew bags
[ise@localhost Cognizance_Task]$
```

b) Reverse order.

Ans:- Use sort -r file name command.

```
[ise@localhost Cognizance_Task]$ cat New.txt
Mi Note 7
Boat Airdopes 131
Sleepy Owl Hot brew bags
Fire bolt smart watch
Amazon fire tv stick[ise@localhost Cognizance_Task]$ sort New.txt
Amazon fire tv stick
Boat Airdopes 131
Fire bolt smart watch
Mi Note 7
Sleepy Owl Hot brew bags
[ise@localhost Cognizance_Task]$ sort -r New.txt
Sleepy Owl Hot brew bags
Mi Note 7
Fire bolt smart watch
Boat Airdopes 131
Amazon fire tv stick
[ise@localhost Cognizance_Task]$
```

c) Numerical order

Ans:- Use sort -n file name command.

```
File Edit View Search Terminal Help
ise@localhost: ~/Cognizance_Task
New_file.txt New.txt
[ise@localhost Cognizance_Task]$ cat New_file.txt
20
30
10
9
8
1
0
7
25
15
[ise@localhost Cognizance_Task]$ sort -n New_file.txt
0
1
7
8
9
10
15
20
25
30
[ise@localhost Cognizance_Task]$
```

- 5) Copee is a hard-working cop. He found a case and almost at the verge of cracking it. It could be his best breakthrough. He has the list of criminals but lots of duplicates are there. He needs to find the only one that is different. He sought your help. How will you sort this issue?

Command:- sort file_name | uniq (or) sort -u file_name

```
ise@localhost:~/Cognizance_Task
File Edit View Search Terminal Help
[ise@localhost Desktop]$ cd
[ise@localhost ~]$ cd Cognizance_Task
[ise@localhost Cognizance_Task]$ ls
New file.txt  New.txt  suspect list.txt
[ise@localhost Cognizance_Task]$ cat suspect_list.txt
Tony
Alan
Bob
Tony
Marcuis
Cooper
Bob
Sam Collins
Taylor
Wein
Looser
Alan
Marcuis
Bard
Leon
Bob
Looser

[ise@localhost Cognizance_Task]$ sort suspect_list.txt | uniq
Alan
Bard
Bob
Cooper
Leon
Looser
Marcuis
Sam Collins
Taylor
Tony
Wein
[ise@localhost Cognizance_Task]$
```

- 6) What are the Three parts of file's permission?

They are

Read(r): Can view the contents of a file/directory with this permission.

Write(w): Can write or edit content in a file (or) create a file/directory.

Execute(e): Can execute the content in the file/directory.