

## Experiment 2

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raghav_69@DESKTOP-DLF01DI: ~  
raghav_69@DESKTOP-DLF01DI:~$ echo $SHELL  
/bin/bash  
raghav_69@DESKTOP-DLF01DI:~$ cat /etc/shells  
# /etc/shells: valid login shells  
/bin/sh  
/bin/bash  
/usr/bin/bash  
/bin/rbash  
/usr/bin/rbash  
/usr/bin/sh  
/bin/dash  
/usr/bin/dash  
/usr/bin/tmux  
/usr/bin/screen  
raghav_69@DESKTOP-DLF01DI:~$ cat /etc/passwd  
root:x:0:0:root:/root:/bin/bash  
daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin  
bin:x:2:2:bin:/bin:/usr/sbin/nologin  
sys:x:3:3:sys:/dev:/usr/sbin/nologin  
sync:x:4:65534:sync:/bin:/bin/sync  
games:x:5:60:games:/usr/games:/usr/sbin/nologin  
man:x:6:12:man:/var/cache/man:/usr/sbin/nologin  
lp:x:7:7:lp:/var/spool/lpd:/usr/sbin/nologin  
mail:x:8:8:mail:/var/mail:/usr/sbin/nologin  
news:x:9:9:news:/var/spool/news:/usr/sbin/nologin  
uucp:x:10:10:uucp:/var/spool/uucp:/usr/sbin/nologin  
proxy:x:13:13:proxy:/bin:/usr/sbin/nologin  
www-data:x:33:33:www-data:/var/www:/usr/sbin/nologin  
backup:x:34:34:backup:/var/backups:/usr/sbin/nologin  
list:x:38:38:Mailing List Manager:/var/list:/usr/sbin/nologin  
irc:x:39:39:ircd:/run/ircd:/usr/sbin/nologin  
gnats:x:41:41:Gnats Bug-Reporting System (admin):/var/lib/gnats:/usr/sbin/nologin  
nobody:x:65534:65534:nobody:/nonexistent:/usr/sbin/nologin  
systemd-network:x:100:102:systemd Network Management,,,:/run/systemd:/usr/sbin/nologin  
systemd-resolve:x:101:103:systemd Resolver,,,:/run/systemd:/usr/sbin/nologin  
messagebus:x:102:105:nonexistent:/usr/sbin/nologin  
systemd-timesync:x:103:106:systemd Time Synchronization,,,:/run/systemd:/usr/sbin/nologin  
syslog:x:104:111:home/syslog:/usr/sbin/nologin  
_apt:x:105:65534:nonexistent:/usr/sbin/nologin  
tss:x:106:112:TPM software stack,,,:/var/lib/tpm:/bin/false  
uuid:x:107:113:run/uuid:/usr/sbin/nologin  
tcpdump:x:108:114:nonexistent:/usr/sbin/nologin  
sshd:x:109:65534:run/sshd:/usr/sbin/nologin  
pollinate:x:110:1:var/cache/pollinate:/bin/false  
landscape:x:111:116:var/lib/landscape:/usr/sbin/nologin  
raghav_69:x:1000:1000:,,:/home/raghav_69:/bin/bash
```

```
raghav_69@DESKTOP-DLF01DI: ~/Folder  
raghav_69@DESKTOP-DLF01DI:~/Folder$ date ; who >myfile.txt  
Thu Oct 6 21:15:44 IST 2022  
raghav_69@DESKTOP-DLF01DI:~/Folder$ cat text.txt  
Hello.  
This is a test file to check os commands.  
raghav_69@DESKTOP-DLF01DI:~/Folder$ sed -s "s/\([^ ]*\) *\([^ ]*\)/\2 \1 /g" text.txt  
Hello.  
is This a test file to check os commands.  
raghav_69@DESKTOP-DLF01DI:~/Folder$ _
```