Untitled

April 24, 2020

[1]: ```
ps
```

```
   PID TTY          TIME CMD
 25133 pts/1    00:00:00 bash
 25147 pts/1    00:00:00 ps
```

[2]: ```
pwd
```

```
/home/jupyter-aiana178/Final
```

[3]: ```
top
```

```
TERM environment variable not set.
```

[4]: ```
ps a
```

```
   PID TTY      STAT   TIME COMMAND
  1340 tty1     Ss+    0:00 /sbin/agetty -o -p -- \u --noclear tty1 linux
 25056 pts/0    Ss+    0:00 /bin/bash -l
 25133 pts/1    Ss     0:00 /bin/bash --rcfile /opt/tljh/user/lib/python3.7/site-
 25149 pts/1    R+     0:00 ps a
```

[5]: ```
ps aux
```

```
USER       PID %CPU %MEM    VSZ   RSS TTY      STAT START   TIME COMMAND
root         1  0.0  0.1  78104  9076 ?        Ss   Apr09   0:37 /sbin/init
root         2  0.0  0.0      0     0 ?        S    Apr09   0:00 [kthreadd]
root         4  0.0  0.0      0     0 ?        I<   Apr09   0:00 [kworker/0:0H]
root         6  0.0  0.0      0     0 ?        I<   Apr09   0:00 [mm_percpu_wq]
root         7  0.0  0.0      0     0 ?        S    Apr09   0:00 [ksoftirqd/0]
root         8  0.0  0.0      0     0 ?        I    Apr09   1:42 [rcu_sched]
root         9  0.0  0.0      0     0 ?        I    Apr09   0:00 [rcu_bh]
root        10  0.0  0.0      0     0 ?        S    Apr09   0:00 [migration/0]
root        11  0.0  0.0      0     0 ?        S    Apr09   0:02 [watchdog/0]
root        12  0.0  0.0      0     0 ?        S    Apr09   0:00 [cpuhp/0]
root        13  0.0  0.0      0     0 ?        S    Apr09   0:00 [cpuhp/1]
root        14  0.0  0.0      0     0 ?        S    Apr09   0:02 [watchdog/1]
```

```
root        15  0.0  0.0      0      0 ?         S     Apr09   0:00 [migration/1]
root        16  0.0  0.0      0      0 ?         S     Apr09   0:00 [ksoftirqd/1]
root        18  0.0  0.0      0      0 ?         I<    Apr09   0:00 [kworker/1:0H]
root        19  0.0  0.0      0      0 ?         S     Apr09   0:00 [cpuhp/2]
root        20  0.0  0.0      0      0 ?         S     Apr09   0:02 [watchdog/2]
root        21  0.0  0.0      0      0 ?         S     Apr09   0:00 [migration/2]
root        22  0.0  0.0      0      0 ?         S     Apr09   0:00 [ksoftirqd/2]
root        24  0.0  0.0      0      0 ?         I<    Apr09   0:00 [kworker/2:0H]
root        25  0.0  0.0      0      0 ?         S     Apr09   0:00 [cpuhp/3]
root        26  0.0  0.0      0      0 ?         S     Apr09   0:02 [watchdog/3]
root        27  0.0  0.0      0      0 ?         S     Apr09   0:00 [migration/3]
root        28  0.0  0.0      0      0 ?         S     Apr09   0:00 [ksoftirqd/3]
root        30  0.0  0.0      0      0 ?         I<    Apr09   0:00 [kworker/3:0H]
root        31  0.0  0.0      0      0 ?         S     Apr09   0:00 [cpuhp/4]
root        32  0.0  0.0      0      0 ?         S     Apr09   0:02 [watchdog/4]
root        33  0.0  0.0      0      0 ?         S     Apr09   0:00 [migration/4]
root        34  0.0  0.0      0      0 ?         S     Apr09   0:00 [ksoftirqd/4]
root        36  0.0  0.0      0      0 ?         I<    Apr09   0:00 [kworker/4:0H]
root        37  0.0  0.0      0      0 ?         S     Apr09   0:00 [cpuhp/5]
root        38  0.0  0.0      0      0 ?         S     Apr09   0:02 [watchdog/5]
root        39  0.0  0.0      0      0 ?         S     Apr09   0:00 [migration/5]
root        40  0.0  0.0      0      0 ?         S     Apr09   0:00 [ksoftirqd/5]
root        42  0.0  0.0      0      0 ?         I<    Apr09   0:00 [kworker/5:0H]
root        43  0.0  0.0      0      0 ?         S     Apr09   0:00 [cpuhp/6]
root        44  0.0  0.0      0      0 ?         S     Apr09   0:02 [watchdog/6]
root        45  0.0  0.0      0      0 ?         S     Apr09   0:00 [migration/6]
root        46  0.0  0.0      0      0 ?         S     Apr09   0:00 [ksoftirqd/6]
root        48  0.0  0.0      0      0 ?         I<    Apr09   0:00 [kworker/6:0H]
root        49  0.0  0.0      0      0 ?         S     Apr09   0:00 [cpuhp/7]
root        50  0.0  0.0      0      0 ?         S     Apr09   0:02 [watchdog/7]
root        51  0.0  0.0      0      0 ?         S     Apr09   0:00 [migration/7]
root        52  0.0  0.0      0      0 ?         S     Apr09   0:00 [ksoftirqd/7]
root        54  0.0  0.0      0      0 ?         I<    Apr09   0:00 [kworker/7:0H]
root        55  0.0  0.0      0      0 ?         S     Apr09   0:00 [kdevtmpfs]
root        56  0.0  0.0      0      0 ?         I<    Apr09   0:00 [netns]
root        57  0.0  0.0      0      0 ?         S     Apr09   0:00 [rcu_tasks_kthr
root        58  0.0  0.0      0      0 ?         S     Apr09   0:00 [kauditd]
root        61  0.0  0.0      0      0 ?         S     Apr09   0:00 [khungtaskd]
root        62  0.0  0.0      0      0 ?         S     Apr09   0:00 [oom_reaper]
root        63  0.0  0.0      0      0 ?         I<    Apr09   0:00 [writeback]
root        64  0.0  0.0      0      0 ?         S     Apr09   0:00 [kcompactd0]
root        65  0.0  0.0      0      0 ?         SN    Apr09   0:00 [ksmd]
root        66  0.0  0.0      0      0 ?         SN    Apr09   0:00 [khugepaged]
root        67  0.0  0.0      0      0 ?         I<    Apr09   0:00 [crypto]
root        68  0.0  0.0      0      0 ?         I<    Apr09   0:00 [kintegrityd]
root        69  0.0  0.0      0      0 ?         I<    Apr09   0:00 [kblockd]
root        76  0.0  0.0      0      0 ?         I<    Apr09   0:00 [ata_sff]
root        77  0.0  0.0      0      0 ?         I<    Apr09   0:00 [md]
```

```
root          78  0.0  0.0        0       0 ?        I<   Apr09   0:00 [edac-poller]
root          79  0.0  0.0        0       0 ?        I<   Apr09   0:00 [devfreq_wq]
root          80  0.0  0.0        0       0 ?        I<   Apr09   0:00 [watchdogd]
root          83  0.0  0.0        0       0 ?        S    Apr09   0:00 [kswapd0]
root          84  0.0  0.0        0       0 ?        I<   Apr09   0:00 [kworker/u17:0]
root          85  0.0  0.0        0       0 ?        S    Apr09   0:00 [ecryptfs-kthre
root         127  0.0  0.0        0       0 ?        I<   Apr09   0:00 [kthrotld]
root         128  0.0  0.0        0       0 ?        I<   Apr09   0:00 [acpi_thermal_p
root         132  0.0  0.0        0       0 ?        I<   Apr09   0:00 [ipv6_addrconf]
root         141  0.0  0.0        0       0 ?        I<   Apr09   0:00 [kstrp]
root         158  0.0  0.0        0       0 ?        I<   Apr09   0:00 [charger_manage
root         228  0.0  0.0        0       0 ?        S    Apr09   0:00 [scsi_eh_0]
root         229  0.0  0.0        0       0 ?        I<   Apr09   0:00 [scsi_tmf_0]
root         230  0.0  0.0        0       0 ?        S    Apr09   0:00 [scsi_eh_1]
root         231  0.0  0.0        0       0 ?        I<   Apr09   0:00 [scsi_tmf_1]
root         232  0.0  0.0        0       0 ?        S    Apr09   0:00 [scsi_eh_2]
root         233  0.0  0.0        0       0 ?        I<   Apr09   0:00 [scsi_tmf_2]
root         234  0.0  0.0        0       0 ?        S    Apr09   0:00 [scsi_eh_3]
root         235  0.0  0.0        0       0 ?        I<   Apr09   0:00 [scsi_tmf_3]
root         268  0.0  0.0        0       0 ?        I<   Apr09   0:00 [ttm_swap]
root         270  0.0  0.0        0       0 ?        I<   Apr09   0:00 [kworker/4:1H]
root         338  0.0  0.0        0       0 ?        I<   Apr09   0:00 [raid5wq]
root         386  0.0  0.0        0       0 ?        S    Apr09   0:18 [jbd2/sda2-8]
root         387  0.0  0.0        0       0 ?        I<   Apr09   0:00 [ext4-rsv-conve
root         389  0.0  0.0        0       0 ?        I<   Apr09   0:01 [kworker/7:1H]
root         438  0.0  0.0        0       0 ?        I<   Apr09   0:00 [kworker/5:1H]
root         459  0.0  0.4   144836   33504 ?        S<s  Apr09   3:43 /lib/systemd/sy
root         480  0.0  0.0        0       0 ?        I<   Apr09   0:00 [iscsi_eh]
root         481  0.0  0.0        0       0 ?        I<   Apr09   0:12 [kworker/6:1H]
root         482  0.0  0.0    97708    1836 ?        Ss   Apr09   0:00 /sbin/lvmetad -
root         484  0.0  0.0        0       0 ?        I<   Apr09   0:00 [ib-comp-wq]
root         485  0.0  0.0        0       0 ?        I<   Apr09   0:00 [ib-comp-unb-wq
root         486  0.0  0.0        0       0 ?        I<   Apr09   0:00 [ib_mcast]
root         487  0.0  0.0        0       0 ?        I<   Apr09   0:00 [ib_nl_sa_wq]
root         488  0.0  0.0    47660    6472 ?        Ss   Apr09   0:07 /lib/systemd/sy
root         490  0.0  0.0        0       0 ?        I<   Apr09   0:00 [rdma_cm]
root         521  0.0  0.0        0       0 ?        S<   Apr09   0:00 [loop0]
root         522  0.0  0.0        0       0 ?        S<   Apr09   0:00 [loop1]
root         523  0.0  0.0        0       0 ?        I<   Apr09   0:00 [kworker/2:1H]
root         525  0.0  0.0        0       0 ?        S    Apr09   0:00 [irq/125-mei_me
root         529  0.0  0.0        0       0 ?        I<   Apr09   0:00 [kworker/3:1H]
root         580  0.0  0.0        0       0 ?        I    Apr15   0:00 [kworker/4:2]
root         608  0.0  0.0        0       0 ?        I<   Apr09   0:00 [kworker/1:1H]
root         616  0.0  0.0        0       0 ?        I<   Apr09   0:00 [kworker/0:1H]
systemd+     873  0.0  0.0   141936    3156 ?        Ssl  Apr09   0:02 /lib/systemd/sy
systemd+     919  0.0  0.0    80056    5308 ?        Ss   Apr09   0:14 /lib/systemd/sy
systemd+     939  0.0  0.0    70752    6268 ?        Ss   Apr09   0:02 /lib/systemd/sy
root        1037  0.0  0.2   169100   17264 ?        Ssl  Apr09   0:00 /usr/bin/python
```

```
root        1044  0.1  0.8 186944 68252 ?          Ssl  Apr09  20:30 /opt/tljh/hub/b
message+    1054  0.0  0.0  50100   4684 ?          Ss   Apr09   0:01 /usr/bin/dbus-d
root        1089  0.0  0.0  30028   3228 ?          Ss   Apr09   0:01 /usr/sbin/cron
root        1099  0.0  0.0  70664   6128 ?          Ss   Apr09   0:02 /lib/systemd/sy
daemon      1104  0.0  0.0  28332   2464 ?          Ss   Apr09   0:00 /usr/sbin/atd -
root        1111  0.1  1.0 314872 84848 ?          Ss   Apr09  22:50 /opt/tljh/hub/b
root        1148  0.0  0.0 235968   2656 ?          Ssl  Apr09   0:04 /usr/bin/lxcfs
syslog      1154  0.0  0.0 263036   5236 ?          Ssl  Apr09   1:12 /usr/sbin/rsysl
root        1190  0.0  0.1 178600   9460 ?          Ssl  Apr09   1:47 /usr/sbin/therm
root        1199  0.0  0.3 1819576 25244 ?         Ssl  Apr09   2:10 /usr/lib/snapd/
root        1201  0.0  0.0 110488   3448 ?          Ssl  Apr09   2:33 /usr/sbin/irqba
root        1213  0.0  0.0 286392   6808 ?          Ssl  Apr09   0:52 /usr/lib/accoun
root        1230  0.0  0.2 185944 19896 ?          Ssl  Apr09   0:00 /usr/bin/python
root        1340  0.0  0.0  14888   1908 tty1       Ss+  Apr09   0:00 /sbin/agetty -o
root        1379  0.0  0.0 288884   6480 ?          Ssl  Apr09   0:00 /usr/lib/policy
root        1421  0.0  0.0  72300   6360 ?          Ss   Apr09   0:00 /usr/sbin/sshd
mysql       1526  0.0  2.1 1424272 177108 ?        Sl   Apr09  15:30 /usr/sbin/mysql
root        1875  0.0  0.3 172540 28420 ?          Ss   Apr09   7:45 /opt/tljh/hub/b
root        3754  0.0  0.0      0      0 ?          I    Apr18   0:44 [kworker/1:1]
root       10822  0.0  0.0      0      0 ?          I    Apr16   0:00 [kworker/3:1]
root       11051  0.0  0.0      0      0 ?          I    Apr16   0:02 [kworker/7:2]
root       12350  0.0  0.0      0      0 ?          I    Apr20   0:00 [kworker/5:0]
root       17152  0.0  0.0      0      0 ?          I    Apr21   0:00 [kworker/6:2]
root       17574  0.0  0.0      0      0 ?          I    Apr21   0:00 [kworker/7:1]
root       17832  0.0  0.0      0      0 ?          I    Apr17   0:00 [kworker/2:1]
root       19738  0.0  0.0      0      0 ?          I    Apr22   0:00 [kworker/1:2]
root       19744  0.0  0.0      0      0 ?          I    Apr22   0:00 [kworker/0:0]
root       23455  0.0  0.0      0      0 ?          I    00:41   0:00 [kworker/4:0]
root       23615  0.0  0.0      0      0 ?          I    01:16   0:00 [kworker/2:2]
root       24260  0.0  0.0      0      0 ?          I    02:46   0:00 [kworker/5:2]
root       24472  0.0  0.0      0      0 ?          I    02:54   0:00 [kworker/3:0]
root       24568  0.0  0.0      0      0 ?          I    03:06   0:00 [kworker/0:1]
root       24960  0.0  0.0      0      0 ?          I    03:28   0:00 [kworker/u16:2]
root       24961  0.0  0.0      0      0 ?          I    03:28   0:00 [kworker/6:1]
jupyter+   24981  0.3  0.9 650424 77464 ?          Rsl  03:55   0:02 /opt/tljh/user/
jupyter+   25056  0.0  0.0  21464   5128 pts/0      Ss+  03:57   0:00 /bin/bash -l
root       25097  0.0  0.0      0      0 ?          I    03:59   0:00 [kworker/u16:0]
jupyter+   25121  2.2  0.5 487848 46568 ?          Rsl  04:06   0:00 /opt/tljh/user/
jupyter+   25133  0.1  0.0  21360   5044 pts/1      Ss   04:06   0:00 /bin/bash --rcf
jupyter+   25150  0.0  0.0  38372   3592 pts/1      R+   04:06   0:00 ps aux
```

[6]: `google`

```
Command 'google' not found, did you mean:

  command 'hoogle' from deb hoogle
  command 'googler' from deb googler
```

```
Try: apt install <deb name>
```

[7]: `Google`

```
Command 'Google' not found, did you mean:

  command 'hoogle' from deb hoogle

Try: apt install <deb name>
```

[9]: `ps aux | grep 'python'`

```
root        1037  0.0  0.2 169100 17264 ?         Ssl   Apr09    0:00
/usr/bin/python3 /usr/bin/networkd-dispatcher --run-startup-triggers
root        1111  0.1  1.0 314872 84848 ?         Ss    Apr09   22:50
/opt/tljh/hub/bin/python3 -m jupyterhub.app -f /opt/tljh/hub/lib/python3.6/site-
packages/tljh/jupyterhub_config.py --upgrade-db
root        1230  0.0  0.2 185944 19896 ?         Ssl   Apr09    0:00
/usr/bin/python3 /usr/share/unattended-upgrades/unattended-upgrade-shutdown
--wait-for-signal
root        1875  0.0  0.3 172540 28420 ?         Ss    Apr09    7:45
/opt/tljh/hub/bin/python3 -m tljh.cull_idle_servers --timeout=600 --cull-
every=60 --concurrency=5 --max-age=0
jupyter+ 24981  0.3  0.9 650560 78832 ?           Ssl   03:55    0:03
/opt/tljh/user/bin/python /opt/tljh/user/bin/jupyterhub-singleuser --port=40125
--NotebookApp.default_url=/lab
jupyter+ 25121  0.2  0.5 487848 46568 ?           Ssl   04:06    0:00
/opt/tljh/user/bin/python -m bash_kernel -f /home/jupyter-aiana178/.local/share/
jupyter/runtime/kernel-0ef4d953-b5ca-4fc9-97d9-387af9913392.json
jupyter+ 25133  0.0  0.0  21360  5048 pts/1       Ss    04:06    0:00 /bin/bash
--rcfile /opt/tljh/user/lib/python3.7/site-packages/pexpect/bashrc.sh
jupyter+ 25195  0.0  0.0  13136  1104 pts/1       S+    04:08    0:00 grep
--color=auto python
```

[11]: `#kill <PID>`

[1]: `mkdir today2`

[2]: `pwd`

```
/home/jupyter-aiana178/Final
```

```
[3]: mkdir -p ./animal/cat

[6]: mkdir -p ./ko/so/vo

[7]: ls
```

```
01_Apr_hw.ipynb    abc.txt          k.txt              today
10.txt             anime            ok                 unisat.mp3
1.txt              a.txt            Review.ipynb       unisat.uni
27_03hw.ipynb      command          right              Untitled.ipynb
2_Apr_hw.ipynb     Final            riiight            untitled.png
3.txt              folder21         'root folders.dio' untitled.svg
4Apr               'hw 3 Apr.ipynb' shared             '  28   .ipynb'
9-11Apr            ko               siege.g            '   2   .ipynb'
```

```
[8]: file ./*
```

```
./01_Apr_hw.ipynb:     ASCII text
./10.txt:              empty
./1.txt:               empty
./27_03hw.ipynb:       UTF-8 Unicode text, with very long lines
./2_Apr_hw.ipynb:      UTF-8 Unicode text
./3.txt:               empty
./4Apr:                directory
./9-11Apr:             directory
./abc.txt:             empty
./anime:               directory
./a.txt:               empty
./command:             ASCII text
./Final:               directory
./folder21:            directory
./hw 3 Apr.ipynb:      UTF-8 Unicode text
./ko:                  directory
./k.txt:               empty
./ok:                  empty
./Review.ipynb:        UTF-8 Unicode text
./right:               empty
./riiight:             empty
./root folders.dio:    ASCII text, with very long lines, with no line
terminators
./shared:              symbolic link to /srv/data/shared
./siege.g:             empty
./today:               directory
./unisat.mp3:          ASCII text
./unisat.uni:          ASCII text
./Untitled.ipynb:      UTF-8 Unicode text, with very long lines
./untitled.png:        SVG Scalable Vector Graphics image
./untitled.svg:        SVG Scalable Vector Graphics image
```

```
./   28    .ipynb: ASCII text
./   2    .ipynb:    UTF-8 Unicode text
```

[ ]: `vim ok.txt`

[1]: `mkdir -pv ./anime/tog`

```
mkdir: created directory './anime'
mkdir: created directory './anime/tog'
```

[13]: `cd ~/F*`

[14]: `pwd`

```
/home/jupyter-aiana178/Final
```

[15]: `mkdir -v tokyo`

```
mkdir: created directory 'tokyo'
```

[ ]:

[1]: `rmdir ./animal`

```
rmdir: failed to remove './animal': Directory not empty
```

[16]: `rmdir onefile`

```
rmdir: failed to remove 'onefile': Not a directory
```

[17]: `rm onefile`

[18]: `rmdir tokyo`

[19]: `rm today2`

```
rm: cannot remove 'today2': Is a directory
```

[2]: `rmdir ./cat`

```
rmdir: failed to remove './cat': No such file or directory
```

```
[3]: rmdir ./animal/cat
```

```
[4]: touch onefile
```

```
[5]: cp onefile ./animal
```

```
[8]: rm -rf animal
```

```
[1]: cd
```

```
[2]: pwd
```

/home/jupyter-aiana178

```
[3]: cd ~/
```

```
[4]: cd /~
```

bash: cd: /~: No such file or directory

```
[5]: pwd
```

/home/jupyter-aiana178

```
[9]: cd ..
```

```
[10]: pwd
```

/home

```
[11]: ls
```

azat	jupyter-cubefiction	jupyter-official-nanakai
jupyter-admin	jupyter-danenok	jupyter-orissim
jupyter-aiana178	jupyter-darganius	jupyter-tsagynysh
jupyter-aigerimunisat	jupyter-ekdana	jupyter-unisat
jupyter-aizadait	jupyter-inkar601	jupyter-unisat39
jupyter-amayakof	jupyter-kkenzh	jupyter-unisatkz
jupyter-amirkhan	jupyter-nazymungarova	jupyter-yeldana
jupyter-arayka	jupyter-nuray.serkali	jupyter-zhandos
jupyter-aruzhan149	jupyter-nurike	jupyter-zhanelbaltabay
jupyter-aselleon	jupyter-nurlaura	jupyter-zhannaspace
jupyter-azat	jupyter-nurlaura2	

```
[20]: pwd
```

/home/jupyter-aiana178/Final

```
[21]: cd /anime
```

```
bash: cd: /anime: No such file or directory
```

```
[22]: cd
```

```
[23]: cp 2_Apr_hw.ipynb ./Aiana*
```

```
[24]: cp Untitled.ipynb ./Aiana*
```

```
[ ]:
```