



## OS Practical 1

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lscpu – displays the CPU architecture of the system

```
djscestudent@djscestudent-OptiPlex-3030-AIO: ~
djscestudent@djscestudent-OptiPlex-3030-AIO:~$ ls cpu
ls: cannot access cpu: No such file or directory
djscestudent@djscestudent-OptiPlex-3030-AIO:~$ lscpu
Architecture:          x86_64
CPU op-mode(s):        32-bit, 64-bit
Byte Order:             Little Endian
CPU(s):                 4
On-line CPU(s) list:   0-3
Thread(s) per core:    2
Core(s) per socket:    2
Socket(s):              1
NUMA node(s):          1
Vendor ID:              GenuineIntel
CPU Family:             6
Model:                  60
Stepping:               3
CPU MHz:                908.859
BogoMIPS:               7183.94
Virtualization:         VT-x
L1d cache:              32K
L1i cache:              32K
L2 cache:               256K
L3 cache:               3072K
NUMA node0 CPU(s):     0-3
djscestudent@djscestudent-OptiPlex-3030-AIO:~$ top

top - 07:35:02 up 11 min,  2 users,  load average: 0.00, 0.06, 0.05
Tasks: 200 total,  1 running, 199 sleeping,  0 stopped,  0 zombie
%Cpu(s):  0.2 us,  0.2 sy,  0.0 ni, 99.5 id,  0.1 wa,  0.0 hi,  0.0 si,  0.0 st
KiB Mem: 3962900 total, 1415620 used, 2547280 free,  46732 buffers
KiB Swap: 4110332 total,  0 used, 4110332 free.  810312 cached Mem

  PID USER      PR  NI   VIRT   RES   SHR  S  %CPU  %MEM     TIME+ COMMAND
 2241 djscest+  20   0 658008 30412 23760 S   1.0   0.8   0:00.86 gnome-terminal
 2505 djscest+  20   0 29164   3180 2612 R   0.7   0.1   0:00.21 top
 1094 root      20   0 403564 53404 37176 S   0.3   1.3   0:07.55 Xorg
 1749 djscest+  20   0 376608 10508 6832 S   0.3   0.3   0:01.28 ibus-daemon
 1831 djscest+  20   0 219928 7564 6868 S   0.3   0.2   0:00.25 ibus-engine-sim
 1952 djscest+  20   0 1530452 153900 62568 S   0.3   3.9   0:07.60 compiz
    1 root      20   0 33792   4328 2684 S   0.0   0.1   0:01.02 init
    2 root      20   0 0         0      0 S   0.0   0.0   0:00.00 kthreadd
    3 root      20   0 0         0      0 S   0.0   0.0   0:00.00 ksoftirqd/0
    5 root      0 -20 0         0      0 S   0.0   0.0   0:00.00 kworker/0:0H
    7 root      20   0 0         0      0 S   0.0   0.0   0:00.27 rcu_sched
    8 root      20   0 0         0      0 S   0.0   0.0   0:00.00 rcu_bh
    9 root      20   0 0         0      0 S   0.0   0.0   0:00.22 rcuos/0
   10 root      20   0 0         0      0 S   0.0   0.0   0:00.00 rcuob/0
   11 root      rt    0 0         0      0 S   0.0   0.0   0:00.00 migration/0
```

top – shows resources available and overview of all processes running on the machine



```

djscestudent@djscestudent-OptiPlex-3030-AIO: ~
top - 07:37:32 up 14 min, 2 users, load average: 0.05, 0.07, 0.05
Tasks: 283 total, 4 running, 199 sleeping, 0 stopped, 0 zombie
%Cpu(s): 0.6 us, 0.2 sy, 0.0 ni, 99.1 id, 0.1 wa, 0.0 hi, 0.0 si, 0.0 st
KiB Mem:  3962900 total, 1417368 used, 2545532 free,  46884 buffers
KiB Swap: 4110332 total,    0 used, 4110332 free,  797292 cached Mem

  PID USER      PR  NI   VIRT    RES    SHR   S  %CPU  %MEM     TIME+ COMMAND
 2241 djscest+  20   0 658280 30768 23812 S   1.0   0.8   0:01.76 gnome-terminal
 1749 djscest+  20   0 376608 10512  6832 S   0.7   0.3   0:01.86 ibus-daemon
 1094 root      20   0 414040 59336 43128 S   0.3   1.5   0:10.13 Xorg
 1768 djscest+  20   0 850152 57532 21768 R   0.3   1.5   0:00.25 unity-settings-
 1800 djscest+  20   0 487932 25268 20556 S   0.3   0.6   0:00.87 ibus-ui-gtk3
 1831 djscest+  20   0 219920 7564  6868 S   0.3   0.2   0:00.39 ibus-engine-slm
 1952 djscest+  20   0 1530292 153776 62444 S   0.3   3.9   0:09.45 compiz
 2505 djscest+  20   0 29164 3180 2612 R   0.3   0.1   0:00.51 top
    1 root      20   0 33792 4328 2684 S   0.0   0.1   0:01.02 init
    2 root      20   0 0 0 0 S   0.0   0.0   0:00.00 kthreadd
    3 root      20   0 0 0 0 S   0.0   0.0   0:00.00 ksoftirqd/0
    5 root      0 -20 0 0 0 S   0.0   0.0   0:00.00 kworker/0:0H
    7 root      20   0 0 0 0 R   0.0   0.0   0:00.32 rcu_sched
    8 root      20   0 0 0 0 S   0.0   0.0   0:00.00 rcu_bh
    9 root      20   0 0 0 0 S   0.0   0.0   0:00.27 rcuos/0
   10 root      20   0 0 0 0 S   0.0   0.0   0:00.00 rcuob/0
   11 root      rt    0 0 0 0 S   0.0   0.0   0:00.00 migration/0
   12 root      rt    0 0 0 0 S   0.0   0.0   0:00.00 watchdog/0
   13 root      rt    0 0 0 0 S   0.0   0.0   0:00.00 watchdog/1
   14 root      rt    0 0 0 0 S   0.0   0.0   0:00.00 migration/1
   15 root      20   0 0 0 0 S   0.0   0.0   0:00.00 ksoftirqd/1
   17 root      0 -20 0 0 0 S   0.0   0.0   0:00.00 kworker/1:0H
   18 root      20   0 0 0 0 S   0.0   0.0   0:00.14 rcuos/1
   19 root      20   0 0 0 0 S   0.0   0.0   0:00.00 rcuob/1
   20 root      rt    0 0 0 0 S   0.0   0.0   0:00.00 watchdog/2
   21 root      rt    0 0 0 0 S   0.0   0.0   0:00.00 migration/2
   22 root      20   0 0 0 0 S   0.0   0.0   0:00.00 ksoftirqd/2
   24 root      0 -20 0 0 0 S   0.0   0.0   0:00.00 kworker/2:0H
   25 root      20   0 0 0 0 S   0.0   0.0   0:00.09 rcuos/2
   26 root      20   0 0 0 0 S   0.0   0.0   0:00.00 rcuob/2
   27 root      rt    0 0 0 0 S   0.0   0.0   0:00.00 watchdog/3
   28 root      rt    0 0 0 0 S   0.0   0.0   0:00.00 migration/3
   29 root      20   0 0 0 0 S   0.0   0.0   0:00.00 ksoftirqd/3
   30 root      20   0 0 0 0 S   0.0   0.0   0:00.00 kworker/3:0
   31 root      0 -20 0 0 0 S   0.0   0.0   0:00.00 kworker/3:0H
   32 root      20   0 0 0 0 S   0.0   0.0   0:00.04 rcuos/3
   33 root      20   0 0 0 0 S   0.0   0.0   0:00.00 rcuob/3
   34 root      0 -20 0 0 0 S   0.0   0.0   0:00.00 khelper
   35 root      20   0 0 0 0 S   0.0   0.0   0:00.01 kdevtmpfs
   36 root      0 -20 0 0 0 S   0.0   0.0   0:00.00 netns
   37 root      0 -20 0 0 0 S   0.0   0.0   0:00.00 perf

```

**pwd** – shows current directory

**ls** – lists contents of current directory

**ls -l** – lists contents of current directory with extra details

**ls /home/djscestudent/\*.png** - shows all png files in the directory



```

djscestudent@djscestudent-OptiPlex-3030-AIO: ~
17 root      0 -20      0      0      0 S  0.0  0.0  0:00.00 kworker/1:0H
18 root      20      0      0      0 S  0.0  0.0  0:00.16 rcuos/1
19 root      20      0      0      0 S  0.0  0.0  0:00.00 rcuob/1
20 root      rt      0      0      0 S  0.0  0.0  0:00.00 watchdog/2
21 root      rt      0      0      0 S  0.0  0.0  0:00.00 migration/2
22 root      20      0      0      0 S  0.0  0.0  0:00.00 ksoftirqd/2
24 root      0 -20      0      0 S  0.0  0.0  0:00.00 kworker/2:0H
25 root      20      0      0      0 S  0.0  0.0  0:00.10 rcuos/2
26 root      20      0      0      0 S  0.0  0.0  0:00.00 rcuob/2
27 root      rt      0      0      0 S  0.0  0.0  0:00.00 watchdog/3
28 root      rt      0      0      0 S  0.0  0.0  0:00.00 migration/3
29 root      20      0      0      0 S  0.0  0.0  0:00.00 ksoftirqd/3
30 root      20      0      0      0 S  0.0  0.0  0:00.00 kworker/3:0H
31 root      0 -20      0      0 S  0.0  0.0  0:00.00 kworker/3:0H
32 root      20      0      0      0 S  0.0  0.0  0:00.04 rcuos/3
33 root      20      0      0      0 S  0.0  0.0  0:00.00 rcuob/3
34 root      0 -20      0      0 S  0.0  0.0  0:00.00 khelper
35 root      20      0      0      0 S  0.0  0.0  0:00.01 kdevtmpfs
36 root      0 -20      0      0 S  0.0  0.0  0:00.00 netns
37 root      0 -20      0      0 S  0.0  0.0  0:00.00 perf
38 root      20      0      0      0 S  0.0  0.0  0:00.00 khungtaskd
39 root      0 -20      0      0 S  0.0  0.0  0:00.00 writeback
40 root      25      5      0      0 S  0.0  0.0  0:00.00 ksm
41 root      39 19      0      0 S  0.0  0.0  0:00.06 khugepaged
42 root      0 -20      0      0 S  0.0  0.0  0:00.00 crypto
43 root      0 -20      0      0 S  0.0  0.0  0:00.00 kintegrityd

djscestudent@djscestudent-OptiPlex-3030-AIO:~$ pwd
/home/djscestudent
djscestudent@djscestudent-OptiPlex-3030-AIO:~$ ls
Desktop  Documents  Downloads  examples.desktop  Music  Pictures  Public  Templates  Videos
djscestudent@djscestudent-OptiPlex-3030-AIO:~$ ls -l
total 44
drwxr-xr-x 2 djscestudent djscestudent 4096 Mar 14 10:54 Desktop
drwxr-xr-x 2 djscestudent djscestudent 4096 Mar 14 10:54 Documents
drwxr-xr-x 2 djscestudent djscestudent 4096 Mar 14 10:54 Downloads
-rw-r--r-- 1 djscestudent djscestudent 8988 Mar 14 10:51 examples.desktop
drwxr-xr-x 2 djscestudent djscestudent 4096 Mar 14 10:54 Music
drwxr-xr-x 2 djscestudent djscestudent 4096 Mar 14 10:54 Pictures
drwxr-xr-x 2 djscestudent djscestudent 4096 Mar 14 10:54 Public
drwxr-xr-x 2 djscestudent djscestudent 4096 Mar 14 10:54 Templates
drwxr-xr-x 2 djscestudent djscestudent 4096 Mar 14 10:54 Videos
djscestudent@djscestudent-OptiPlex-3030-AIO:~$ ls /home/djscestudent/*.jpg
ls: cannot access /home/djscestudent/*.jpg: No such file or directory
djscestudent@djscestudent-OptiPlex-3030-AIO:~$ ls /home/djscestudent/*.png
ls: cannot access /home/djscestudent/*.png: No such file or directory
djscestudent@djscestudent-OptiPlex-3030-AIO:~$ ls /home/djscestudent/*.png
/home/djscestudent/trial.png
djscestudent@djscestudent-OptiPlex-3030-AIO:~$

```

clear – clears screen (technically just shifts it up)

cd - - goes to previous directory

cd .. - goes 1 directory out

cd (address) – goes to mentioned directory

cd/cd ~ - comes back to home directory

mkdir – makes a new directory

rmdir – removes/deletes the mentioned directory(it must be empty and you must be in the immediate directory the mentioned folder is in.

doesn't work with files)

rm (filename) – deletes file



```
djscestudent@djscestudent-OptiPlex-3030-AIO: ~/Pictures
djscestudent@djscestudent-OptiPlex-3030-AIO:~$ cd /home/djscestudent/pictures
bash: cd: /home/djscestudent/pictures: No such file or directory
djscestudent@djscestudent-OptiPlex-3030-AIO:~$ cd /home/djscestudent/Pictures
djscestudent@djscestudent-OptiPlex-3030-AIO:~/Pictures$ cd
djscestudent@djscestudent-OptiPlex-3030-AIO:~$ cd ~
djscestudent@djscestudent-OptiPlex-3030-AIO:~$ mkdir cherry
djscestudent@djscestudent-OptiPlex-3030-AIO:~$ cd cherry
djscestudent@djscestudent-OptiPlex-3030-AIO:~/cherry$ ls -la
..
djscestudent@djscestudent-OptiPlex-3030-AIO:~/cherry$ cd ..
djscestudent@djscestudent-OptiPlex-3030-AIO:~$ cd ..
djscestudent@djscestudent-OptiPlex-3030-AIO:~/home$ cd -
/home/djscestudent
djscestudent@djscestudent-OptiPlex-3030-AIO:~$ rmdir cherry
djscestudent@djscestudent-OptiPlex-3030-AIO:~$ cd cherry
bash: cd: cherry: No such file or directory
djscestudent@djscestudent-OptiPlex-3030-AIO:~$ cd pictures
bash: cd: pictures: No such file or directory
djscestudent@djscestudent-OptiPlex-3030-AIO:~$ cd Pictures
djscestudent@djscestudent-OptiPlex-3030-AIO:~/Pictures$ mkdir hola
djscestudent@djscestudent-OptiPlex-3030-AIO:~/Pictures$ cd -
djscestudent@djscestudent-OptiPlex-3030-AIO:~$ redir hola
The program 'redir' is currently not installed. You can install it by typing:
sudo apt-get install redir
djscestudent@djscestudent-OptiPlex-3030-AIO:~$ rmdir hola
rmdir: failed to remove 'hola': No such file or directory
djscestudent@djscestudent-OptiPlex-3030-AIO:~$ cd Pictures
djscestudent@djscestudent-OptiPlex-3030-AIO:~/Pictures$ rmdir trial.png
rmdir: failed to remove 'trial.png': Not a directory
djscestudent@djscestudent-OptiPlex-3030-AIO:~/Pictures$ rm trial.png
djscestudent@djscestudent-OptiPlex-3030-AIO:~/Pictures$ ls
hola
djscestudent@djscestudent-OptiPlex-3030-AIO:~/Pictures$ rmdir hola
djscestudent@djscestudent-OptiPlex-3030-AIO:~/Pictures$ ls
djscestudent@djscestudent-OptiPlex-3030-AIO:~/Pictures$ ls -la
total 0
djscestudent@djscestudent-OptiPlex-3030-AIO:~/Pictures$ cd Pictures
bash: cd: Pictures: No such file or directory
djscestudent@djscestudent-OptiPlex-3030-AIO:~/Pictures$ ls
djscestudent@djscestudent-OptiPlex-3030-AIO:~/Pictures$ ls -l
total 0
djscestudent@djscestudent-OptiPlex-3030-AIO:~/Pictures$ cd phil
bash: cd: phil: No such file or directory
djscestudent@djscestudent-OptiPlex-3030-AIO:~/Pictures$ ls -l
No command 'ls-' found, did you mean:
Command 'lsw' from package 'suckless-tools' (universe)
Command 'ls' from package 'coreutils' (main)
Command 'lsx' from package 'suckless-tools' (universe)
Command 'lsh' from package 'lsh-client' (universe)
ls-: command not found
djscestudent@djscestudent-OptiPlex-3030-AIO:~/Pictures$ ls -l
total 0
djscestudent@djscestudent-OptiPlex-3030-AIO:~/Pictures$ cd 1
bash: cd: 1: No such file or directory
djscestudent@djscestudent-OptiPlex-3030-AIO:~/Pictures$ cd ..
djscestudent@djscestudent-OptiPlex-3030-AIO:~$ cd Documents
djscestudent@djscestudent-OptiPlex-3030-AIO:~/Documents$ cd 1
djscestudent@djscestudent-OptiPlex-3030-AIO:~/Documents/1$ cd 2
djscestudent@djscestudent-OptiPlex-3030-AIO:~/Documents/1/2$ ls -l
total 268
-rw-rw-r-- 1 djscestudent djscestudent 271305 Mar 19 08:11 phil
djscestudent@djscestudent-OptiPlex-3030-AIO:~/Documents/1/2$ touch phil
djscestudent@djscestudent-OptiPlex-3030-AIO:~/Documents/1/2$ ls -l
total 268
-rw-rw-r-- 1 djscestudent djscestudent 271305 Mar 19 08:15 phil
djscestudent@djscestudent-OptiPlex-3030-AIO:~/Documents/1/2$
```

touch (filename) – creates file or updates file time stamp without modifying its contents

```
djscestudent@djscestudent-OptiPlex-3030-AIO: ~/Documents/1/2
djscestudent@djscestudent-OptiPlex-3030-AIO:~/Pictures$ cd -
djscestudent@djscestudent-OptiPlex-3030-AIO:~$ redir hola
The program 'redir' is currently not installed. You can install it by typing:
sudo apt-get install redir
djscestudent@djscestudent-OptiPlex-3030-AIO:~$ rmdir hola
rmdir: failed to remove 'hola': No such file or directory
djscestudent@djscestudent-OptiPlex-3030-AIO:~$ cd Pictures
djscestudent@djscestudent-OptiPlex-3030-AIO:~/Pictures$ rmdir trial.png
rmdir: failed to remove 'trial.png': Not a directory
djscestudent@djscestudent-OptiPlex-3030-AIO:~/Pictures$ rm trial.png
djscestudent@djscestudent-OptiPlex-3030-AIO:~/Pictures$ ls
hola
djscestudent@djscestudent-OptiPlex-3030-AIO:~/Pictures$ rmdir hola
djscestudent@djscestudent-OptiPlex-3030-AIO:~/Pictures$ ls
djscestudent@djscestudent-OptiPlex-3030-AIO:~/Pictures$ ls -la
total 0
djscestudent@djscestudent-OptiPlex-3030-AIO:~/Pictures$ cd Pictures
bash: cd: Pictures: No such file or directory
djscestudent@djscestudent-OptiPlex-3030-AIO:~/Pictures$ ls
djscestudent@djscestudent-OptiPlex-3030-AIO:~/Pictures$ ls -l
total 0
djscestudent@djscestudent-OptiPlex-3030-AIO:~/Pictures$ cd phil
bash: cd: phil: No such file or directory
djscestudent@djscestudent-OptiPlex-3030-AIO:~/Pictures$ ls -l
No command 'ls-' found, did you mean:
Command 'lsw' from package 'suckless-tools' (universe)
Command 'ls' from package 'coreutils' (main)
Command 'lsx' from package 'suckless-tools' (universe)
Command 'lsh' from package 'lsh-client' (universe)
ls-: command not found
djscestudent@djscestudent-OptiPlex-3030-AIO:~/Pictures$ ls -l
total 0
djscestudent@djscestudent-OptiPlex-3030-AIO:~/Pictures$ cd 1
bash: cd: 1: No such file or directory
djscestudent@djscestudent-OptiPlex-3030-AIO:~/Pictures$ cd ..
djscestudent@djscestudent-OptiPlex-3030-AIO:~$ cd Documents
djscestudent@djscestudent-OptiPlex-3030-AIO:~/Documents$ cd 1
djscestudent@djscestudent-OptiPlex-3030-AIO:~/Documents/1$ cd 2
djscestudent@djscestudent-OptiPlex-3030-AIO:~/Documents/1/2$ ls -l
total 268
-rw-rw-r-- 1 djscestudent djscestudent 271305 Mar 19 08:11 phil
djscestudent@djscestudent-OptiPlex-3030-AIO:~/Documents/1/2$ touch phil
djscestudent@djscestudent-OptiPlex-3030-AIO:~/Documents/1/2$ ls -l
total 268
-rw-rw-r-- 1 djscestudent djscestudent 271305 Mar 19 08:15 phil
djscestudent@djscestudent-OptiPlex-3030-AIO:~/Documents/1/2$
```

cp (filename to be copied) (filename to be copied INTO) – overwrites



filename 1 into filename 2 (creates filename 2 if it doesn't already exist)

date – displays date

time – displays time in user, system and real format(why does it show all 0??)

rm -f (filename) – removes file mentioned without asking for confirmation

cp -r (dir) (newdir) – copies dir to newdir. Creates newdir if it doesn't exist,

nano – opens linux notepad, use commands shows below where ^ means ctrl key. Use ^o to save a name and then upon exit it automatically saves.

nano (name) – opens an editing file named name

cat (name) - displays contents of file

```
djscestudent@djscestudent-OptiPlex-3030-AIO: ~/try2
djscestudent@djscestudent-OptiPlex-3030-AIO:~$ cd try
djscestudent@djscestudent-OptiPlex-3030-AIO:~/try$ ls -l
total 4
drwxrwxr-x 2 djscestudent djscestudent 4096 Mar 19 08:25 2
djscestudent@djscestudent-OptiPlex-3030-AIO:~/try$ cp -r Documents/1/2 try2
cp: cannot stat 'Documents/1/2': No such file or directory
djscestudent@djscestudent-OptiPlex-3030-AIO:~/try$ cd ~
djscestudent@djscestudent-OptiPlex-3030-AIO:~$ cp -r Documents/1/2 try2
djscestudent@djscestudent-OptiPlex-3030-AIO:~$ cd try2
djscestudent@djscestudent-OptiPlex-3030-AIO:~/try2$ nano
djscestudent@djscestudent-OptiPlex-3030-AIO:~/try2$ cd nano
bash: cd: nano: No such file or directory
djscestudent@djscestudent-OptiPlex-3030-AIO:~/try2$ cd ~
djscestudent@djscestudent-OptiPlex-3030-AIO:~$ cd ..
djscestudent@djscestudent-OptiPlex-3030-AIO:/home$ cd try2
bash: cd: try2: No such file or directory
djscestudent@djscestudent-OptiPlex-3030-AIO:/home$ cd try 2
bash: cd: try: No such file or directory
djscestudent@djscestudent-OptiPlex-3030-AIO:/home$ cd try2
bash: cd: try2: No such file or directory
djscestudent@djscestudent-OptiPlex-3030-AIO:/home$ cd ~
djscestudent@djscestudent-OptiPlex-3030-AIO:~$ cd try2
djscestudent@djscestudent-OptiPlex-3030-AIO:~/try2$ open nano
Couldn't get a file descriptor referring to the console
djscestudent@djscestudent-OptiPlex-3030-AIO:~/try2$ ls
nano1
djscestudent@djscestudent-OptiPlex-3030-AIO:~/try2$ nano nano1.txt
djscestudent@djscestudent-OptiPlex-3030-AIO:~/try2$ ls
nano1
djscestudent@djscestudent-OptiPlex-3030-AIO:~/try2$ cat nano1.txt
cat: nano1.txt: No such file or directory
djscestudent@djscestudent-OptiPlex-3030-AIO:~/try2$ ls
nano1
djscestudent@djscestudent-OptiPlex-3030-AIO:~/try2$ head nano1.txt
head: cannot open 'nano1.txt' for reading: No such file or directory
djscestudent@djscestudent-OptiPlex-3030-AIO:~/try2$ head bruh.txt
head: cannot open 'bruh.txt' for reading: No such file or directory
djscestudent@djscestudent-OptiPlex-3030-AIO:~/try2$ nano bruh
djscestudent@djscestudent-OptiPlex-3030-AIO:~/try2$ cat bruh
This is a nano doc which is like notepad in Windows. I will try to save this. hehehhe
djscestudent@djscestudent-OptiPlex-3030-AIO:~/try2$ nano new
djscestudent@djscestudent-OptiPlex-3030-AIO:~/try2$ ls -l
total 4
-rw-rw-r-- 1 djscestudent djscestudent 87 Mar 19 08:28 bruh
djscestudent@djscestudent-OptiPlex-3030-AIO:~/try2$ cat new
cat: new: No such file or directory
djscestudent@djscestudent-OptiPlex-3030-AIO:~/try2$
```

mv (originalname) (newname) -renames file

mv (dirname) (newname) – renames directory

du -h --max-depth=1 - displays the memory each folder is using, depth shows how deep you want to go in subfolders





Shri Vile Parle Kelavani Mandal's

**DWARKADAS J. SANGHVI COLLEGE OF ENGINEERING**

(Autonomous College Affiliated to the University of Mumbai)

NAAC Accredited with "A" Grade (CGPA : 3.18)



```
djscestudent@djscestudent-OptiPlex-3030-AIO: ~  
try  
djscestudent@djscestudent-OptiPlex-3030-AIO:~/try2$ mv try Documents  
djscestudent@djscestudent-OptiPlex-3030-AIO:~/try2$ ls  
Documents  
djscestudent@djscestudent-OptiPlex-3030-AIO:~/try2$ mv try2 opp  
mv: cannot stat 'try2': No such file or directory  
djscestudent@djscestudent-OptiPlex-3030-AIO:~/try2$ cd -  
/home/djscestudent  
djscestudent@djscestudent-OptiPlex-3030-AIO:~$ mv try2 opp  
djscestudent@djscestudent-OptiPlex-3030-AIO:~$ ls  
Desktop Documents Downloads examples.desktop Music opp Pictures Public Templates try Videos  
djscestudent@djscestudent-OptiPlex-3030-AIO:~$ du -h --max-depth=2  
264K  ./cache/gstreamer-1.0  
8.0K  ./cache/logrotate  
24K   ./cache/ibus  
1.1M  ./cache/wallpaper  
132K  ./cache/thumbnails  
4.0K  ./cache/gnome-screenshot  
2.1M  ./cache/mozilla  
52K   ./cache/evolution  
200K  ./cache/upstart  
12K   ./cache/fontconfig  
116K  ./cache/comptonconfig-1  
3.9M  ./cache  
8.0K  ./opp  
4.0K  ./Public  
8.0K  ./Documents/1  
12K   ./Documents  
1.6M  ./local/share  
1.6M  ./local  
4.0K  ./try/2  
8.0K  ./try  
28K   ./gconf/apps  
32K   ./gconf  
13M   ./mozilla/firefox  
4.0K  ./mozilla/extensions  
13M   ./mozilla  
4.0K  ./Pictures  
4.0K  ./Downloads  
12K   ./config/ibus  
3.5M  ./config/libreoffice  
8.0K  ./config/evolution  
4.0K  ./config/upstart  
8.0K  ./config/gtk-3.0  
12K   ./config/dconf  
8.0K  ./config/gnome-session  
12K   ./config/compton-1  
8.0K  ./config/update-notifier
```

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