Change Owner

```
┌──(kali㉿kali)-[~]
└─$ cd Desktop

┌──(kali㉿kali)-[~/Desktop]
└─$ cd Madhavi

┌──(kali㉿kali)-[~/Desktop/Madhavi]
└─$ ls
command_args.sh  Desktop  f2.txt  f3.tar  f6.txt  file1.txt  file2.txt  file3.txt  filecount.sh  linux  path.sh  space.sh  test2.sh  test.sh

┌──(kali㉿kali)-[~/Desktop/Madhavi]
└─$ chown madhavi file1.txt
chown: changing ownership of 'file1.txt': Operation not permitted

┌──(kali㉿kali)-[~/Desktop/Madhavi]
└─$ ls -l file2.sh
ls: cannot access 'file2.sh': No such file or directory

┌──(kali㉿kali)-[~/Desktop/Madhavi]
└─$ ls -l file1.txt
-rw-r--r-- 1 kali kali 29 Apr 17 01:59 file1.txt

┌──(kali㉿kali)-[~/Desktop/Madhavi]
└─$ sudo chown madhavi file1.txt
[sudo] password for kali:

┌──(kali㉿kali)-[~/Desktop/Madhavi]
└─$ ls -l file1.txt
-rw-r--r-- 1 madhavi kali 29 Apr 17 01:59 file1.txt

┌──(kali㉿kali)-[~/Desktop/Madhavi]
└─$ 
```



```
┌──(kali㉿kali)-[~]
└─$ cd Desktop

┌──(kali㉿kali)-[~/Desktop]
└─$ cd Madhavi

┌──(kali㉿kali)-[~/Desktop/Madhavi]
└─$ ls
command_args.sh  demo  Desktop  f2.txt  f3.tar  f6.txt  file2.txt  file3.txt  filecount.sh  linux  path.sh  space.sh  test  test2.sh  test.sh  yash

┌──(kali㉿kali)-[~/Desktop/Madhavi]
└─$ mv file2.txt file3.txt test

┌──(kali㉿kali)-[~/Desktop/Madhavi]
└─$ ls
command_args.sh  demo  Desktop  f2.txt  f3.tar  f6.txt  filecount.sh  linux  path.sh  space.sh  test  test2.sh  test.sh  yash

┌──(kali㉿kali)-[~/Desktop/Madhavi]
└─$ cd test

┌──(kali㉿kali)-[~/Desktop/Madhavi/test]
└─$ ls
file1.txt  file2.txt  file3.txt

┌──(kali㉿kali)-[~/Desktop/Madhavi/test]
└─$ 
```

Tar Command


```
┌──(kali㉿kali)-[~]
└─$ cd Desktop

┌──(kali㉿kali)-[~/Desktop]
└─$ cd Madhavi

┌──(kali㉿kali)-[~/Desktop/Madhavi]
└─$ ls
command_args.sh  demo  Desktop  f2.txt  f3.tar  f6.txt  filecount.sh  linux  path.sh  space.sh  test  test2.sh  test.sh  yash

┌──(kali㉿kali)-[~/Desktop/Madhavi]
└─$ tar -cvf zipped.tar test
test/
test/file3.txt
test/zipped.tar
test/file1.txt
test/file2.txt

┌──(kali㉿kali)-[~/Desktop/Madhavi]
└─$ tar -cvf zipped.tar *
command_args.sh
demo/
Desktop
f2.txt
f3.tar
f6.txt
filecount.sh
linux/
path.sh
space.sh
test/
test/file3.txt
test/zipped.tar
test/file1.txt
```

```
tar: zipped.tar: file is the archive; not dumped
```
┌──(kali㉿kali)-[~/Desktop/Madhavi]
└─$ ls
```
command_args.sh  demo  Desktop  f2.txt  f3.tar  f6.txt  filecount.sh  linux  path.sh  space.sh  test  test2.sh  test.sh  yash  zipped.tar
```
┌──(kali㉿kali)-[~/Desktop/Madhavi]
└─$ cat zipped.tar
```
command_args.sh0000755000175000017500000000002601441555436301250 1 0ustar  kalikali#!/bin/bash



for dir in "$@"; do
  if [ -d "$dir" ]; then
    echo "Contents of $dir:"
    ls "$dir"
    echo ""
  else
    echo "Error: $dir is not a directory"
  fi
done

demo/0000755000175000017500000000000014417171172010431 5ustar  kalikaliDesktop0000644000175000017500000000002614415465476011052 1 0ustar  kalikaliInfobell IT S
olutions
f2.txt0000644000175000017500000000001441601462401054 1 0ustar  kalikalif3.tar0000644000175000017500000000011144160155720105 15 0ustar  kalikaliInfobell
f6.txt0000644000175000017500000000021144160354060054 1 0ustar  kalikaliMadhavi Suratkar
filecount.sh0000755000175000017500000000016014415562404012031 1 0ustar  kalikali#!/bin/bash

function file_count(){
        local Number_of_files=$(ls | wc -l)
        echo "$Number_of_files"
}

file_count
```

```
apple
orange
kiwi
banana
test/zipped.tar0000644000175000017500000002400014417200041012447 1 0ustar  kalikalitest/file1.txt0000644000175100017500000000003514417160127012713 1 0ustar  madh
avikaliInfobell IT Solution pvt ltd
test/file2.txt0000777000175000017500000000003714415467612012242 1 0ustar  kalikalimango
apple
orange
kiwi
banana
test2.sh0000644000175000017500000000002014415545412011072 1 0ustar  kalikali#!/bin/bash
echo "Enter a number"
read n
for((i=1; i≤n; i++))
do
        for((j=1; j≤i; j++))
        do
                echo -ne $j ""
        done
        echo
done

test.sh0000755000175000017500000000002714415540434011023 1 0ustar  kalikaliif [num←2];
then
        echo "$num is a negative number"
else
        etest.sh: line 4: 0]: No such file or directory
cho "$num is a positive number"
fi

yash/0000755000175000017500000000000014417173703010453 5ustar  kalikali
```
┌──(kali㉿kali)-[~/Desktop/Madhavi]
└─$

htop Command

```
┌──(kali㉿kali)-[~]
└─$ man iostat

┌──(kali㉿kali)-[~]
└─$ iostat --human
Linux 6.1.0-kali5-amd64 (kali)  04/17/2023    _x86_64_    (3 CPU)

avg-cpu:  %user   %nice %system %iowait  %steal   %idle
           0.9%    0.0%    1.6%    0.1%    0.0%   97.4%

Device             tps    kB_read/s    kB_wrtn/s    kB_dscd/s    kB_read    kB_wrtn    kB_dscd
sda               5.25       161.7k        17.8k         0.0k     384.1M      42.3M       0.0k


┌──(kali㉿kali)-[~]
└─$ iostat --pretty
Linux 6.1.0-kali5-amd64 (kali)  04/17/2023    _x86_64_    (3 CPU)

avg-cpu:  %user   %nice %system %iowait  %steal   %idle
           0.88    0.00    1.59    0.10    0.00   97.42

        tps    kB_read/s    kB_wrtn/s    kB_dscd/s    kB_read    kB_wrtn    kB_dscd Device
       5.23       161.15        17.77         0.00     393282      43370          0 sda


┌──(kali㉿kali)-[~]
└─$ htop

┌──(kali㉿kali)-[~]
└─$
```

```
┌──(kali㉿kali)-[~]
└─$ iostat -x
Linux 6.1.0-kali5-amd64 (kali)  04/17/2023    _x86_64_    (3 CPU)

avg-cpu:  %user   %nice %system %iowait  %steal   %idle
           0.91    0.00    1.61    0.10    0.00   97.38

Device            r/s     rkB/s   rrqm/s  %rrqm r_await rareq-sz     w/s     wkB/s   wrqm/s  %wrqm w_await wareq-sz     d/s    dkB/s   drqm/s  %drqm d_await
 dareq-sz        f/s f_await  aqu-sz  %util
sda              3.78    155.37     2.20  36.86    1.36    41.15    1.31     17.89     1.21  47.98    2.32    13.63    0.00     0.00     0.00   0.00    0.00
     0.00       0.43    1.63    0.01    0.78


┌──(kali㉿kali)-[~]
└─$ iostat -c
Linux 6.1.0-kali5-amd64 (kali)  04/17/2023    _x86_64_    (3 CPU)

avg-cpu:  %user   %nice %system %iowait  %steal   %idle
           0.91    0.00    1.60    0.10    0.00   97.38


┌──(kali㉿kali)-[~]
└─$ iostat -d
Linux 6.1.0-kali5-amd64 (kali)  04/17/2023    _x86_64_    (3 CPU)

Device             tps    kB_read/s    kB_wrtn/s    kB_dscd/s    kB_read    kB_wrtn    kB_dscd
sda               5.06       154.06        17.87         0.00     393778      45670          0


┌──(kali㉿kali)-[~]
└─$
```

```
┌──(kali㉿kali)-[~]
└─$ iostat -xd
Linux 6.1.0-kali5-amd64 (kali)  04/17/2023    _x86_64_    (3 CPU)

Device            r/s     rkB/s   rrqm/s  %rrqm r_await rareq-sz     w/s     wkB/s   wrqm/s  %wrqm w_await wareq-sz     d/s    dkB/s   drqm/s  %drqm d_await
 dareq-sz        f/s f_await  aqu-sz  %util
sda              3.70    152.15     2.16  36.86    1.36    41.15    1.31     17.76     1.21  47.97    2.32    13.52    0.00     0.00     0.00   0.00    0.00
     0.00       0.43    1.63    0.01    0.77


┌──(kali㉿kali)-[~]
└─$ iostat -k
Linux 6.1.0-kali5-amd64 (kali)  04/17/2023    _x86_64_    (3 CPU)

avg-cpu:  %user   %nice %system %iowait  %steal   %idle
           0.93    0.00    1.61    0.10    0.00   97.36

Device             tps    kB_read/s    kB_wrtn/s    kB_dscd/s    kB_read    kB_wrtn    kB_dscd
sda               4.98       151.15        17.84         0.00     393778      46470          0


┌──(kali㉿kali)-[~]
└─$ iostat -p
Linux 6.1.0-kali5-amd64 (kali)  04/17/2023    _x86_64_    (3 CPU)

avg-cpu:  %user   %nice %system %iowait  %steal   %idle
           0.93    0.00    1.61    0.10    0.00   97.36

Device             tps    kB_read/s    kB_wrtn/s    kB_dscd/s    kB_read    kB_wrtn    kB_dscd
sda               4.98       150.99        17.82         0.00     393778      46482          0
sda1              4.95       150.54        17.82         0.00     392584      46482          0
```

```
┌──(kali㉿kali)-[~]
└─$ iostat -N
Linux 6.1.0-kali5-amd64 (kali)   04/17/2023      _x86_64_        (3 CPU)

avg-cpu:  %user   %nice %system %iowait  %steal   %idle
           0.95    0.00    1.62    0.10    0.00   97.34

Device             tps    kB_read/s    kB_wrtn/s    kB_dscd/s    kB_read    kB_wrtn    kB_dscd
sda               4.93       149.04        17.70         0.00     393778      46774          0


┌──(kali㉿kali)-[~]
└─$
```



```
  0[|||                                         4.0%] Tasks: 75, 127 thr, 80 kthr; 1 running
  1[||||||                                      9.3%] Load average: 0.23 0.15 0.10
  2[                                            1.4%] Uptime: 00:40:48
Mem[|||||||||||||||||||||||||||||||||||   662M/3.37G]
Swp[                                          0K/1024M]

  Main   I/O
  PID USER      PRI  NI  VIRT   RES   SHR S CPU% MEM%   TIME+  Command
  586 root       20   0  423M  139M 61412 S  8.1  4.0  0:58.92 /usr/lib/xorg/Xorg :0 -seat seat0 -auth /var/run/lightdm/root/:0 -nolisten tcp vt7 -novtsw
20151 kali       20   0  8304  4604  3432 R  2.0  0.1  0:00.11 htop
  875 kali       20   0  212M  2420  2076 S  0.7  0.1  0:04.03 /usr/bin/VBoxClient --seamless
  878 kali       20   0  212M  2420  2076 S  0.7  0.1  0:01.03 /usr/bin/VBoxClient --seamless
  883 kali       20   0  212M  2524  2176 S  0.7  0.1  0:12.66 /usr/bin/VBoxClient --draganddrop
  888 kali       20   0  212M  2524  2176 S  0.7  0.1  0:12.62 /usr/bin/VBoxClient --draganddrop
  990 kali       20   0  278M 30488 20656 S  0.7  0.9  0:07.97 /usr/lib/x86_64-linux-gnu/xfce4/panel/wrapper-2.0 /usr/lib/x86_64-linux-gnu/xfce4/panel/pl
 1433 kali       20   0  451M  105M 88320 S  0.7  3.1  0:06.07 /usr/bin/qterminal
    1 root       20   0  163M 12048  8912 S  0.0  0.3  0:01.36 /sbin/init splash
  322 root       20   0 49556 16076 14812 S  0.0  0.5  0:00.38 /lib/systemd/systemd-journald
  354 root       20   0 26916  7268  4664 S  0.0  0.2  0:00.34 /lib/systemd/systemd-udevd
  371 root       20   0  8260  5240  1652 S  0.0  0.1  0:00.45 /usr/sbin/haveged --Foreground --verbose=1
  497 messagebus 20   0 10416  5628  4280 S  0.0  0.2  0:01.07 /usr/bin/dbus-daemon --system --address=systemd: --nofork --nopidfile --systemd-activation
  499 polkitd    20   0  302M 10108  7404 S  0.0  0.3  0:00.66 /usr/lib/polkit-1/polkitd --no-debug
  500 root       20   0 25280  8024  6992 S  0.0  0.2  0:00.22 /lib/systemd/systemd-logind
  505 root        0 -20 25220 24164  3760 S  0.0  0.7  0:00.49 /usr/bin/atop -w /var/log/atop/atop_20230417 600
  511 polkitd    20   0  302M 10108  7404 S  0.0  0.3  0:00.38 /usr/lib/polkit-1/polkitd --no-debug
  518 polkitd    20   0  302M 10108  7404 S  0.0  0.3  0:00.08 /usr/lib/polkit-1/polkitd --no-debug
  519 root       20   0  252M 21484 16716 S  0.0  0.6  0:00.43 /usr/sbin/NetworkManager --no-daemon
  530 root       20   0  6608  2788  2536 S  0.0  0.1  0:00.02 /usr/sbin/cron -f
  536 root       20   0  309M 12092 10236 S  0.0  0.3  0:00.18 /usr/sbin/ModemManager
  544 root       20   0  309M 12092 10236 S  0.0  0.3  0:00.00 /usr/sbin/ModemManager
  552 root       20   0  309M 12092 10236 S  0.0  0.3  0:00.01 /usr/sbin/ModemManager
  557 root       20   0  286M  2948  2572 S  0.0  0.1  0:00.82 /usr/sbin/VBoxService
  558 root       20   0  286M  2948  2572 S  0.0  0.1  0:00.00 /usr/sbin/VBoxService
F1Help  F2Setup F3Search F4Filter F5Tree  F6SortBy F7Nice - F8Nice + F9Kill  F10Quit
```