

```
cykix@Cykix-virtual-machine: ~$ whoami
cykix
cykix@Cykix-virtual-machine:~$ pwd
/home/cykix
cykix@Cykix-virtual-machine:~$ ls
Desktop  Documents  Downloads  miet1.txt  Music  Pictures  Public  snap  Templates
cykix@Cykix-virtual-machine:~$ ls -la
total 88
drwxr-x--- 16 cykix cykix 4096 Sep 29 13:23 .
drwxr-xr-x  3 root  root  4096 Sep  7 21:58 ..
-rw----- 1 cykix cykix 6948 Sep 29 14:38 .bash_history
-rw-r--r-- 1 cykix cykix 220  Sep  7 21:58 .bash_logout
-rw-r--r-- 1 cykix cykix 3771 Sep  7 21:58 .bashrc
drwx----- 14 cykix cykix 4096 Sep 12 10:24 .cache
drwx----- 17 cykix cykix 4096 Oct  2 22:14 .config
drwxr-xr-x  2 cykix cykix 4096 Sep 29 13:26 Desktop
drwxr-xr-x  2 cykix cykix 4096 Sep 19 10:34 Documents
drwxr-xr-x  2 cykix cykix 4096 Sep  7 22:14 Downloads
drwx----- 2 cykix cykix 4096 Sep 29 14:37 .gnupg
-rw----- 1 cykix cykix  20  Sep 19 11:05 .lessht
drwx----- 3 cykix cykix 4096 Sep  7 22:14 .local
-rw-rw-r-- 1 cykix cykix   0  Sep 29 13:10 miet1.txt
drwxr-xr-x  2 cykix cykix 4096 Sep  7 22:14 Music
drwxr-xr-x  3 cykix cykix 4096 Sep 12 10:21 Pictures
-rw-r--r-- 1 cykix cykix 807  Sep  7 21:58 .profile
drwxr-xr-x  2 cykix cykix 4096 Sep  7 22:14 Public
drwx----- 6 cykix cykix 4096 Sep  8 13:58 snap
drwx----- 2 cykix cykix 4096 Sep  7 22:32 .ssh
-rw-r--r-- 1 cykix cykix   0  Sep  8 13:37 .sudo_as_admin_successful
drwxr-xr-x  2 cykix cykix 4096 Sep  7 22:14 Templates
drwxr-xr-x  2 cykix cykix 4096 Sep  7 22:14 Videos
cykix@Cykix-virtual-machine:~$
```

Commands with Description

1. whoami [shows username]
2. pwd [shows current directory]
3. ls [shows name of all the files]
4. ls -la [shows details of all the folders along with hidden files]

```
cykix@Cykix-virtual-machine: ~$ cd Desktop
cykix@Cykix-virtual-machine: ~/Desktop$ ls
Aditya  hello1.txt  hello.txt  Hello.txt  Hello.txt  MIET.txt
cykix@Cykix-virtual-machine: ~/Desktop$ cd Aditya
cykix@Cykix-virtual-machine: ~/Desktop/Aditya$ cd ..
cykix@Cykix-virtual-machine: ~/Desktop$ cd
cykix@Cykix-virtual-machine: ~$ ls
Desktop  Documents  Downloads  miet1.txt  Music  Pictures  Public  snap  Templates  Videos
cykix@Cykix-virtual-machine: ~$ nano Adi.txt
cykix@Cykix-virtual-machine: ~$ cat Adi.txt
hello

cykix@Cykix-virtual-machine: ~$ ls -l
total 40
-rw-rw-r-- 1 cykix cykix  7 Oct  2 22:32 Adi.txt
drwxr-xr-x 3 cykix cykix 4096 Oct  2 22:29 Desktop
drwxr-xr-x 2 cykix cykix 4096 Sep 19 10:34 Documents
drwxr-xr-x 2 cykix cykix 4096 Sep  7 22:14 Downloads
-rw-rw-r-- 1 cykix cykix   0 Sep 29 13:10 miet1.txt
drwxr-xr-x 2 cykix cykix 4096 Sep  7 22:14 Music
drwxr-xr-x 3 cykix cykix 4096 Sep 12 10:21 Pictures
drwxr-xr-x 2 cykix cykix 4096 Sep  7 22:14 Public
drwx----- 6 cykix cykix 4096 Sep  8 13:58 snap
drwxr-xr-x 2 cykix cykix 4096 Sep  7 22:14 Templates
drwxr-xr-x 2 cykix cykix 4096 Sep  7 22:14 Videos
cykix@Cykix-virtual-machine: ~$ touch aditya.txt
cykix@Cykix-virtual-machine: ~$ ls
Adi.txt  aditya.txt  Desktop  Documents  Downloads  miet1.txt  Music  Pictures  Public  snap  Templates  Videos
cykix@Cykix-virtual-machine: ~$ touch aditya{1,4}.txt
cykix@Cykix-virtual-machine: ~$ ls
Adi.txt      aditya4.txt  Desktop  Downloads  Music  Public  Templates
aditya1.txt  aditya.txt  Documents  miet1.txt  Pictures  snap  Videos
```

Commands with Description

1. cd [To go into or outside of folders]
2. nano or vi [editor used to create and write contents of files]
3. cat [to see content of a file]
4. touch [to create a file]

```
cykix@Cykix-virtual-machine: ~/$ cd Desktop
cykix@Cykix-virtual-machine: ~/Desktop$ ls
Aditya hello1.txt hello.txt Hello.txt Hello.txt MIET.txt
cykix@Cykix-virtual-machine: ~/Desktop$ mv hello1.txt ~/Documents/
cykix@Cykix-virtual-machine: ~/Desktop$ cd
cykix@Cykix-virtual-machine: ~/$ cd Documents
cykix@Cykix-virtual-machine: ~/Documents$ ls
hello1.txt
cykix@Cykix-virtual-machine: ~/Documents$ cp hello1.txt hi.txt
cykix@Cykix-virtual-machine: ~/Documents$ ls
hello1.txt hi.txt
cykix@Cykix-virtual-machine: ~/Documents$ nano hi.txt
cykix@Cykix-virtual-machine: ~/Documents$ nano hello1.txt
cykix@Cykix-virtual-machine: ~/Documents$ tac hi.txt

what's up
cykix@Cykix-virtual-machine: ~/Documents$ nano hi.txt
cykix@Cykix-virtual-machine: ~/Documents$ cat hi.txt
what's up

jjj

hhh

cykix@Cykix-virtual-machine: ~/Documents$ tac hi.txt

hhh

jjj
```

Commands with Description

1. mv [To move a file]
2. cp [to copy a file]
3. tac [to view contents of a file in reverse order]

```
cykix@Cykix-virtual-machine: ~/Documents$ cat >> hi.txt
yohooo
heheh
cykix@Cykix-virtual-machine: ~/Documents$ cat hi.txt
what's up

jjj

hhh

yohooo
heheh
cykix@Cykix-virtual-machine: ~/Documents$ cat hello1.txt |more
ojbonzgomdgohoidsbjdmsb
sJ"Pjs'k[dofjkxf'pjbps
DjbkpsM;bdfd;bkjfdlmb
BKmf;lkx;lbklfxjbf
kbm;lmd;lfbodfkb[fldblmbm'zd
kb;dm;l;bk;l;z;l;km;b;ko[kb
dkjubfeohjkfdnsn jesoiSLFHiofgsp hSJIOHG[ps
fskflkds;kdlhjplgj;s
sjdmsjnfshigflskdjdspposdidj pgjpisdjjkhsg psjihjgdshg
jijfB;odsjidghdsodisjdisgjhdljg
ndsjdldgiidgljdljhd gdjigdjklsdjgl gdspjlj      jl      jl      llkjllk
jnjlncxbjlljbhlxj;kjxlj jkl      lj      nkljnlnkl      mk;m
xnkljxlknvlkxnv
vmklvsdlnlksnl lkdvnvncjbnlkbdb
      njlvnxnxnvklvxlbnklbdb
sndksdfklvnbklfndskdm;;ldf kdsfnjs;k kskldnlkbn;mb
.slkdndnbsknmbdskbb
sklbnklbfskm
```

```
ndsjdldgiidgljdljhd gdjigdjklsdjgl gdspjlj
jnjlncxbjlljbhlxj;kjxlj jkl      lj      nkljnlnkl      mk;m
xnkljxlknvlkxnv
vmklvsdlnlksnl lkdvnvncjbnlkbdb
      njlvnxnxnvklvxlbnklbdb
sndksdfklvnbklfndskdm;;ldf kdsfnjs;k kskldnlkbn;mb
.slkdndnbsknmbdskbb
sklbnklbfskm
mbmv'
vv

bb
b
n

n
m
m
mmmlf;gnl
nln
mh
hm
m'
mlk;ok;kk
dfk;blkd 'kdfllflkl kdkflkn
      mkdbkfb'dd'bkldfkbdkfn
ndlkdnlkndflkl k;lbbdkl;hk;ek ks;kf
mfdlbfdlkbbdfkd;l;bk'dm;fkbb'dkb;k ksb;k;dk;dbk;lbkflkijsoduhuv hliajljd
nkdsjhdfshln ljdkgjgsdhl sjkldjgjsgdj'
sdlkgjngjl      L      ldbnkflnlds;kbdsk'
sbjdnskvdsdsdkbljdsdj
cykix@Cykix-virtual-machine: ~/Documents$
```

Commands with Description

1. `cat >> <filename>` [to edit content of file on terminal]
2. `cat <filename> | more` or `less` [to move through multiple pages in a file where `more` allows only to view next page but `less` allows to view next as well as previous page]
3. `cat -e` [shows end of a line in a file]
4. `cat -n` [shows number of line]

```
cykix@Cykix-virtual-machine: ~/Documents
cykix@Cykix-virtual-machine:~/Documents$ cat hello1.txt | less
cykix@Cykix-virtual-machine:~/Documents$ cat -n hi.txt
 1  what's up
 2
 3  jjj
 4
 5
 6  hhh
 7
 8  yohooo
 9  heheh
cykix@Cykix-virtual-machine:~/Documents$ cat -e hi.txt
what's up$
$
jjj$
$
$
hhh$
$
yohooo$
heheh$
```

```
cykix@Cykix-virtual-machine: ~/Documents
cykix@Cykix-virtual-machine:~/Documents$ cat -t hi.txt
^Iwhat's up

jjj^Iwoohoo

hh^Ill^I

yohooo
heheh
cykix@Cykix-virtual-machine:~/Documents$ grep yohooo hi.txt
yohooo
```

Commands with Description

1. cat -t [To show where the “tab” is used in a file]
2. grep [to highlight a string in a file and display it]