date :- 04/04/023

02/04/023

1. ls
2. ls -l
3. mkdir
4. rm dir
5. touch
6. cat > a.txt
   Hello world
   ctrl + d
7. cat a.txt
8. rm -rf
9. nano a.txt
10.
11.

05/04/023

1. cd
2. cd . .
3. mkdir -p   directories
4. cd /   → root directories
5. ls /   → show files in
   root directory
6. pwd
7. sudo su   → normal user to
   Root user
8. exit   → root user to normal user
9. Unix & Unix → case sensitive
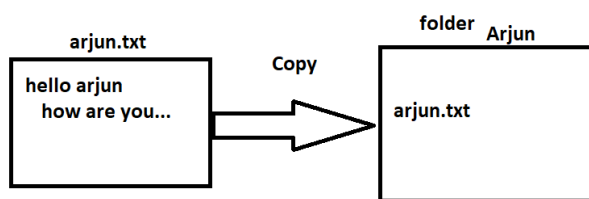
★ File system (concept)

① windows ⟶ Drives   eg. c drive. D drive
② Linux ⟶ file
③ AWS ⟶ Buckets | EBS | EB | EFS

Buckets (ss)
S₃ ⟹ Simple storage service

arjun.txt

| hello arjun
   how are you... |

Copy

folder Arjun

| arjun.txt |

Linux OS

#>ls
| Arjun   a.txt |

| # cp <source_file name> <destination file_name> |

| #cp a.txt Arjun |

copy final commands

history delete >>

| history -c |

working on ubuntu

```
┌──(ravan㉿kali)-[~/Desktop]
└─$ mkdir Arjun

┌──(ravan㉿kali)-[~/Desktop]
└─$ ls
Arjun

┌──(ravan㉿kali)-[~/Desktop]
└─$ cat > arjun.txt
helllo arjun
how are you ...
whats your todays plan ...

┌──(ravan㉿kali)-[~/Desktop]
└─$ cat arjun.txt
helllo arjun
how are you ...
whats your todays plan ...

┌──(ravan㉿kali)-[~/Desktop]
└─$ ls
Arjun   arjun.txt
```

```
┌──(ravan㉿kali)-[~/Desktop]
└─$ ls
Arjun   arjun.txt

┌──(ravan㉿kali)-[~/Desktop]
└─$ cp arjun.txt Arjun/

┌──(ravan㉿kali)-[~/Desktop]
└─$ ls Arjun/
arjun.txt

┌──(ravan㉿kali)-[~/Desktop]
└─$ cat Arjun/arjun.txt
helllo arjun
how are you ...
whats your todays plan ...

┌──(ravan㉿kali)-[~/Desktop]
└─$ 
```
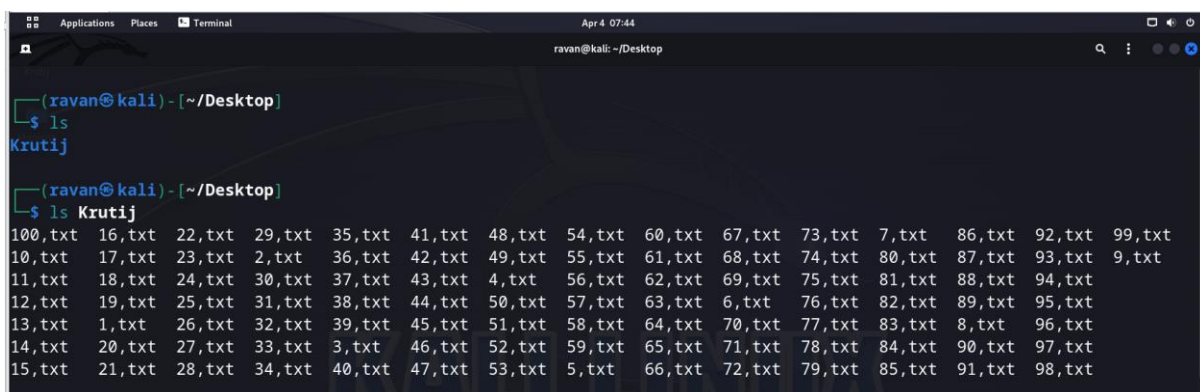
```
185  history -d 1
186  clear
187  history
188  clear
189  ls
190  mkdir Arjun
191  ls
192  cat > arjun.txt
193  cat arjun.txt
194  ls
195  clear
196  ls
197  cp arjun.txt Arjun/
198  ls Arjun/
199  cat Arjun/arjun.txt
200  ls
201  rm -i *
202  ls
203  rm -irf *
```

```
┌──(ravan㉿kali)-[~/Desktop]
└─$ ls
Krutij

┌──(ravan㉿kali)-[~/Desktop]
└─$ ls Krutij
100,txt  16,txt  22,txt  29,txt  35,txt  41,txt  48,txt  54,txt  60,txt  67,txt  73,txt  7,txt   86,txt  92,txt  99,txt
10,txt   17,txt  23,txt  2,txt   36,txt  42,txt  49,txt  55,txt  61,txt  68,txt  74,txt  80,txt  87,txt  93,txt  9,txt
11,txt   18,txt  24,txt  30,txt  37,txt  43,txt  4,txt   56,txt  62,txt  69,txt  75,txt  81,txt  88,txt  94,txt
12,txt   19,txt  25,txt  31,txt  38,txt  44,txt  50,txt  57,txt  63,txt  6,txt   76,txt  82,txt  89,txt  95,txt
13,txt   1,txt   26,txt  32,txt  39,txt  45,txt  51,txt  58,txt  64,txt  70,txt  77,txt  83,txt  8,txt   96,txt
14,txt   20,txt  27,txt  33,txt  3,txt   46,txt  52,txt  59,txt  65,txt  71,txt  78,txt  84,txt  90,txt  97,txt
15,txt   21,txt  28,txt  34,txt  40,txt  47,txt  53,txt  5,txt   66,txt  72,txt  79,txt  85,txt  91,txt  98,txt
```

```
Krutij  Manisha

┌──(ravan㉿kali)-[~/Desktop]
└─$ cp Krutij Manisha
cp: -r not specified; omitting directory 'Krutij'

┌──(ravan㉿kali)-[~/Desktop]
└─$ cp -r Krutij Manisha

┌──(ravan㉿kali)-[~/Desktop]
└─$ ls Manisha
Krutij

┌──(ravan㉿kali)-[~/Desktop]
└─$ ls Manisha/Krutij
100,txt  16,txt  22,txt  29,txt  35,txt  41,txt  48,txt  54,txt  60,txt  67,txt  73,txt  7,txt   86,txt  92,txt  99,txt
10,txt   17,txt  23,txt  2,txt   36,txt  42,txt  49,txt  55,txt  61,txt  68,txt  74,txt  80,txt  87,txt  93,txt  9,txt
11,txt   18,txt  24,txt  30,txt  37,txt  43,txt  50,txt  56,txt  62,txt  69,txt  75,txt  81,txt  88,txt  94,txt
12,txt   19,txt  25,txt  31,txt  38,txt  44,txt  50,txt  57,txt  63,txt  6,txt   76,txt  82,txt  89,txt  95,txt
13,txt   1,txt   26,txt  32,txt  39,txt  45,txt  51,txt  58,txt  64,txt  70,txt  77,txt  83,txt  8,txt   96,txt
14,txt   20,txt  27,txt  33,txt  3,txt   46,txt  52,txt  59,txt  65,txt  71,txt  78,txt  84,txt  90,txt  97,txt
15,txt   21,txt  28,txt  34,txt  40,txt  47,txt  53,txt  5,txt   66,txt  72,txt  79,txt  85,txt  91,txt  98,txt

┌──(ravan㉿kali)-[~/Desktop]
└─$
```

```
204   history
205   clear
206   ls
207   mkdir Krutij
208   touch Krutij/{1..100},txt
209   ls Krutij
210   ls
211   clear
212   ls
213   ls Krutij
214   mkdir Manisha
215   ls
216   cp Krutij Manisha
217   cp -r Krutij Manisha
218   ls Manisha
219   ls Manisha/Krutij
```
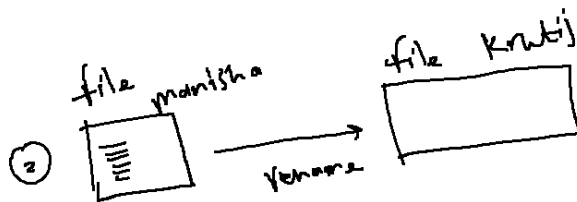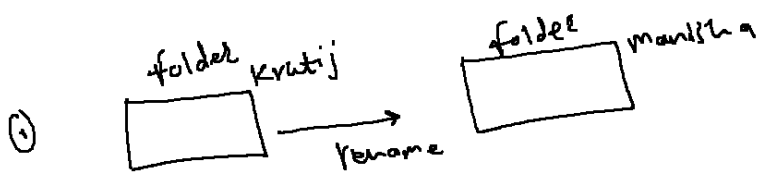
file → folder

folder → folder

① error → ommiting

② cp krutij manish ⟩ error occurred

③ sol^n

cp -r krutij manisha
↓
forcefully

folder krutij
①

rename
folder manisha

file manisha
②

rename
file krutij

```
┌──(ravan㉿kali)-[~/Desktop]
└─$ cat >manisha
hey manisha how are you...

┌──(ravan㉿kali)-[~/Desktop]
└─$ ls
manisha

┌──(ravan㉿kali)-[~/Desktop]
└─$ mv manisha krutij

┌──(ravan㉿kali)-[~/Desktop]
└─$ ls
krutij

┌──(ravan㉿kali)-[~/Desktop]
└─$ #remane command : move >mv
```

history

221 clear

222 ls

223 rm -irf *

224 ls

225 clear

226 ls

227 mkdir -i Ravina

228 mkdir --help

229 mkdir Ravina

230 ls

231 clear

232 ls

233 rm -i Ravina

234 rmdir -i Ravina

235 rm -irf Ravina

236 clear

237 ls

238 clear

239 cat >manisha

240 ls

241 mv manisha krutij

242 ls

243 #remane command : move >mv

244 ls

245 clear

246 ls

247 rm -irf *

248 clear

249 ls

250 mkdir Krutij

251 ls

252 mv Krutij Manisha

253 ls

254 clear

file Krutij.txt

manisha.txt

i)

CP

copy

CP -i krutij.txt manisha.txt

manisha

folder Krutij

2)

CP

CP -i krutij manisha
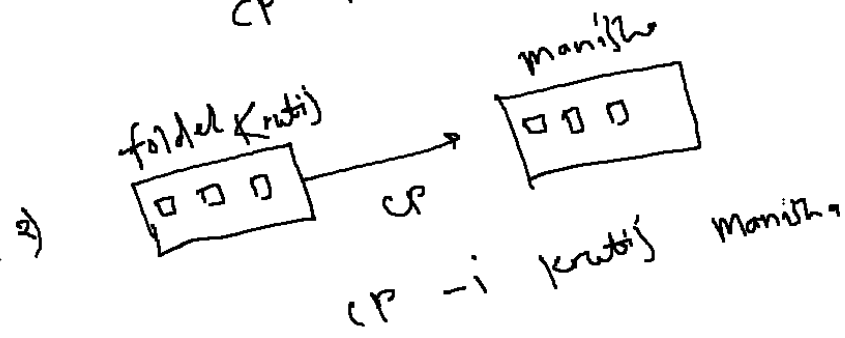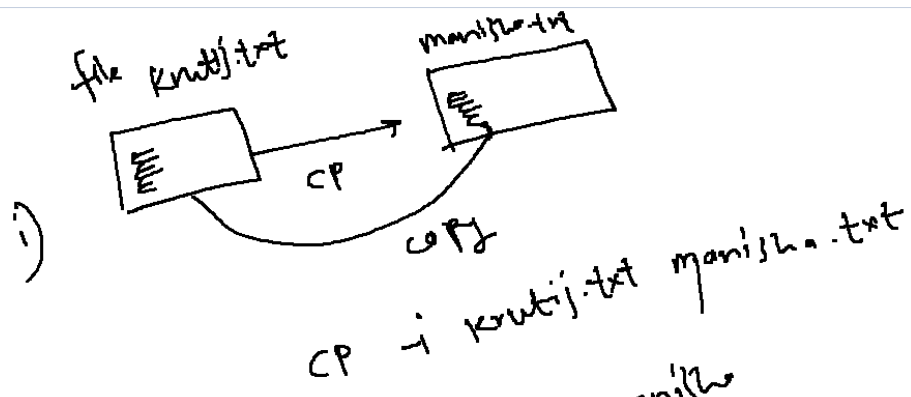
```
  └$ cat krutij
hey how are you
how the josh

  ┌──(ravan㉿kali)-[~/Desktop]
  └$ cat > manisha
hey manisha how are you
im fine

  ┌──(ravan㉿kali)-[~/Desktop]
  └$ cat manisha
hey manisha how are you
im fine

  ┌──(ravan㉿kali)-[~/Desktop]
  └$ cp -i krutij manisha
cp: overwrite 'manisha'? y

  ┌──(ravan㉿kali)-[~/Desktop]
  └$ cat krutij
hey how are you
how the josh

  ┌──(ravan㉿kali)-[~/Desktop]
  └$ cat manisha
hey how are you
how the josh

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

```
273  mkdir Krutij
274  lsss
275  clear
276  ls
277  touch Krutij/{1..100},txt
278  ls Krutij
279  mkdir Manisha
280  touch Manisha/lion.txt
281  ls Manisha
282  cp -i krutij Manisha
283  cp -i Krutij Manisha
284  cp -ri Krutij Manisha
285  ls Manisha
286  ls Manisha/Krutij
```

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

```
┌──(ravan㉿kali)-[~/Desktop]
└─$ ls Manisha/Krutij
100,txt  18,txt  26,txt  34,txt  42,txt  50,txt  59,txt  67,txt  75,txt  83,txt  91,txt  9,txt
10,txt   19,txt  27,txt  35,txt  43,txt  51,txt  5,txt   68,txt  76,txt  84,txt  92,txt
11,txt   1,txt   28,txt  36,txt  44,txt  52,txt  60,txt  69,txt  77,txt  85,txt  93,txt
12,txt   20,txt  29,txt  37,txt  45,txt  53,txt  61,txt  70,txt  78,txt  86,txt  94,txt
13,txt   21,txt  2,txt   38,txt  46,txt  54,txt  62,txt  70,txt  79,txt  87,txt  95,txt
14,txt   22,txt  30,txt  39,txt  47,txt  55,txt  63,txt  71,txt  7,txt   88,txt  96,txt
15,txt   23,txt  31,txt  3,txt   48,txt  56,txt  64,txt  72,txt  80,txt  89,txt  97,txt
16,txt   24,txt  32,txt  40,txt  49,txt  57,txt  65,txt  73,txt  81,txt  8,txt   98,txt
17,txt   25,txt  33,txt  41,txt  4,txt   58,txt  66,txt  74,txt  82,txt  90,txt  99,txt

┌──(ravan㉿kali)-[~/Desktop]
└─$
```

ls
mkdir
rmdir at a one time

ls ; mkdir Anju ; touch (Anju){1..100} ; history

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

┌──(ravan㉿kali)-[~/Desktop]
└─$ mkdir Manisha;ls ;touch Manisha/{1..100}.txt;ls Manisha;pwd
Manisha
100.txt  18.txt  26.txt  34.txt  42.txt  50.txt  59.txt  67.txt  75.txt  83.txt  91.txt  9.txt
10.txt   19.txt  27.txt  35.txt  43.txt  51.txt  5.txt   68.txt  76.txt  84.txt  92.txt
11.txt   1.txt   28.txt  36.txt  44.txt  52.txt  60.txt  69.txt  77.txt  85.txt  93.txt
12.txt   20.txt  29.txt  37.txt  45.txt  53.txt  61.txt  70.txt  78.txt  86.txt  94.txt
13.txt   21.txt  2.txt   38.txt  46.txt  54.txt  62.txt  71.txt  79.txt  87.txt  95.txt
14.txt   22.txt  30.txt  39.txt  47.txt  55.txt  63.txt  72.txt  80.txt  89.txt  96.txt
15.txt   23.txt  31.txt  3.txt   48.txt  56.txt  64.txt  72.txt  80.txt  89.txt  97.txt
16.txt   24.txt  32.txt  40.txt  49.txt  57.txt  65.txt  73.txt  81.txt  8.txt   98.txt
17.txt   25.txt  33.txt  41.txt  4.txt   58.txt  66.txt  74.txt  82.txt  90.txt  99.txt
/home/ravan/Desktop

┌──(ravan㉿kali)-[~/Desktop]
└─$
```

cat a.txt

Hello
Anjum

a.txt
Hello
Anju

tac a.txt

Anju
Hello

```
┌──(ravan㊙kali)-[~/Desktop]
└─$ cat>a.txt
hello
Arjun
krutij
Manisha

┌──(ravan㊙kali)-[~/Desktop]
└─$ cat a.txt
hello
Arjun
krutij
Manisha

┌──(ravan㊙kali)-[~/Desktop]
└─$ tac a.txt
Manisha
krutij
Arjun
hello

┌──(ravan㊙kali)-[~/Desktop]
└─$
```

file → Hello
       Arjun
       Manilzq
        Kvutij
        india } Narale
        ———

        #cat > a.txt << Narale
        ————————————————

```
        li)-[~/Desktop]
  $ cat >a.txt<<Narale
heredoc> hello
heredoc> krutij
heredoc> manisha
heredoc> Arjun
heredoc> satara
heredoc> solapur
heredoc> pune
heredoc> nanded
heredoc> Narale

  ┌──(ravan㉿kali)-[~/Desktop]
  └─$ cat a.txt
hello
krutij
manisha
Arjun
satara
solapur
pune
nanded

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

```
  ┌──(ravan㊧kali)-[~/Desktop]
  └─$ cat a.txt
hello
krutij
manisha
Arjun
satara
solapur
pune
nanded

  ┌──(ravan㊧kali)-[~/Desktop]
  └─$ tac a.txt
nanded
pune
solapur
satara
Arjun
manisha
krutij
hello
```
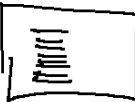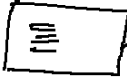
working with file content

record (5 lines) ↓

#head a.txt (Bydefaut 10 prilut)

head -5 a.txt
head -10 a.txt

record ↑ (Bydefaut 10 line)

tail a.txt
tail -5 a.txt
tail -20 a.txt

```
┌──(ravan㉿kali)-[~/Desktop]
└─$ cat a.txt
hello
krutij
manisha
Arjun
satara
solapur
pune
nanded


┌──(ravan㉿kali)-[~/Desktop]
└─$ head -3 a.txt
hello
krutij
manisha


┌──(ravan㉿kali)-[~/Desktop]
└─$ tail -3 a.txt
solapur
pune
nanded


┌──(ravan㉿kali)-[~/Desktop]
└─$
```